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ACIDIC PRECIPITATION IN ONTARIO STUDY

ANNUAL STATISTICS OF CONCENTRATION AND DEPOSITION - CUMULATIVE PRECIPITATION MONITORING NETWORK, 1983

Atmospheric Processes Studies Unit
Air Quality and Meteorology Section
Ontario Ministry of the Environment
Air Resources Branch
880 Bay Street, 4th Floor
Toronto, Ontario
Canada, M5S 1Z8

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A.P.I.O.S. Coordination Office
Ontario Ministry of the Environment
6th Floor, 40 St. Clair Avenue West
Toronto, Ontario
Canada, M4V 1P5
Project Co-ordinator: Dr. T. G. Brydges

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Geraldton	30	221
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Gowganda	25	229
Huron Park	06	233
Killarney	23	237
Lac La Croix	33	241
Mattawa	22	245
McKellar	21	249
Merlin	02	253
Milton	10	257
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Nakina	30A	265
Palmerston	08	269
Pickle Lake	36	273
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PART I

INTRODUCTION

INTRODUCTION

This report was prepared by David Chung. The statistical summaries presented in this report pertain to the 1983 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative precipitation monitoring network (see network overview report, #ARB-164-83-ARSP). The relevant data are listed in a previous report, #ARB-63-85-AQM. All available data are utilized in the calculations except results reported as being unreliable (i.e., results are identified as unreasonable values by using the validation procedures; detailed description of the validation procedures is available from the Ministry upon request.) or approximate (i.e., inexact results are reported due to laboratory difficulties, such as that encountered in calibration, and that the sample cannot be re-analyzed to confirm the reported value). In a very few cases, concentration levels exceeded the upper limit of the range of the chemical analysis. Rather than using the upper limit, a decision was made to exclude these values from the statistics generated in this report. Reported results for metals which have missing leachate analysis are also excluded from statistical analysis. Results labelled as $<W$ are replaced by "zero". W is the level which the analytical technique cannot distinguish from zero. If a level is recorded less than the detection limit T, a value corresponding to one half the detection limit is utilized for statistical calculations as reported in the statistical summaries. The reported cumulative precipitation gauge depth (or Environment Canada's CLIMAT result) is utilized in the calculation of deposition. If a precipitation gauge value is not available, then the collected sample volume is converted to its equivalent precipitation depth and is used in the deposition calculation.

The statistical summaries presented in Parts III to VI include number of samples, mean (arithmetic/geometric), standard deviation (arithmetic/geometric), maximum, minimum, quartiles and precipitation weighted means using precipitation gauge depths where appropriate. These statistics are for an average sampling period. Data given in the listing report (#ARB-63-85-AQM) which correspond to irregular sampling periods are either combined if they are from consecutive collection periods which span 28d $\pm$ 5d or deleted, if otherwise, before the statistics are generated.

PART II

STATION DESCRIPTION AND LOCATION MAP

APIOS CUMULATIVE WET DEPOSITION NETWORK SITE DESCRIPTIONS

MOE REGION	STATION NAME	ELEVATION (m above MSL)	LATITUDE (North)	LONGITUDE (West)	UTM GRID CO-ORDINANTS (Northing)	(Easting)
Southwestern	Colchester	183	41°59'15"	82°55'41"	4650000	340300
	Merlin	191	42°14'47"	82°13'30"	4676400	398950
	Pt. Stanley	213	42°40'22"	81°09'55"	4724050	486700
	Wilkesport	183	42°42'11"	82°21'13"	4728350	389150
	Alvinston	221	42°49'36"	81°50'04"	4942000	431550
	Shallow Lake	229	44°34'54"	81°05'24"	4936200	492850
	Palmerston	389	43°48'19"	80°54'12"	4850050	507750
	Huron Park	250	43°17'28"	81°30'03"	4793000	459350
	Waterloo	343	43°28'39"	80°35'09"	4813750	533500
Central	Dorset	320	45°13'26"	78°55'52"	5009650	662400
	Milton	221	43°31'05"	79°55'54"	4818600	586350
	Uxbridge	244	44°12'46"	79°12'38"	4896800	643000
	Wilberforce	396	45°00'54"	78°12'58"	4988150	719400
	Campbellford	175	44°17'28"	77°47'33"	4907600	277150
	Coldwater	280	44°37'31"	79°32'08"	4942200	615900
Southeastern	Smith's Falls	122	44°56'41"	75°57'48"	4977100	423950
	Dalhousie Mills	69	45°19'00"	74°28'13"	5018100	541550
	Golden Lake	160	45°36'48"	77°12'03"	5053200	328400
Northeastern	McKellar	244	45°30'57"	79°55'19"	5040600	583950
	Killarney	183	45°59'26"	81°29'18"	5092900	462200
	Mattawa	198	46°16'45"	78°49'19"	5127150	667800
	Bear Island	305	46°58'22"	80°04'40"	5202400	570350
	Ramsey	427	47°26'33"	82°20'14"	5254900	399200
	Azure Lake	244	47°28'12"	81°52'30"	5257650	434250
	Gowganda	343	47°39'04"	80°46'32"	5277300	516600
	Moonbeam	244	49°19'16"	82°08'46"	5463600	416650
	Turkey Lake	472	47°03'15"	84°24'00"	5214250	696750
	Attawapiskat	9	52°56'00"	82°24'00"	NA	NA
	Whitney	412	45°32'21"	78°15'35"	5045950	713950
Northwestern	Dorion	244	48°50'33"	88°36'45"	5410800	382150
	Nakina	320	50°10'38"	86°42'40"	5558150	520950
	Geraldton	351	49°48'05"	86°46'00"	5516300	516750
	Ear Falls	350	50°38'31"	93°13'13"	5609800	484150
	Pickle Lake	360	51°27'41"	90°12'04"	5704800	694550
	Lac la Croix	368	48°21'14"	92°1232"	5355900	558400
	Quetico Centre	420	48°44'24"	91°12'08"	5399750	632100
	E.L.A.	123	49°39'22"	93°43'28"	5500950	447350
	Winisk	9	55°12'00"	85°08'00"	NA	NA

FIGURE 1

LOCATION OF APIOS CUMULATIVE WET DEPOSITION NETWORK SITES

1. Colchester
2. Merlin
3. Pt. Stanley
4. Wilkesport
5. Alvinston
6. Huron Park
7. Waterloo
8. Palmerston
9. Shallow Lake
10. Milton
11. Uxbridge
12. Coldwater
13. Campbellford
15. Smith's Falls
16. Dalhousie
17. Golden Lake
18. Wilberforce
19. Whitney
20. Dorset
21. Mckellar
22. Mattawa
23. Killarney
24. Bear Island
25. Gowganda
26. Azure Lake (replacing Ramsey, July 1983)
26A. Ramsey
27. Moonbeam
28. Attawapiskat
29. Winisk
30. Geraldton (Replacing Nakina, August 1983)
30A. Nakina
31. Dorion
32. Quetico Center
33. Lac LaCroix
34. Experimental Lakes Area
35. Ear Falls
36. Pickle Lake
37. Turkey Lake

PART III

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	13.0000	13.00	13.000	12.000
MAXIMUM :	143.2	71.0	4.68	0.1830	6.55	1.230	0.910
MINIMUM :	26.0	17.6	3.82	0.0440	1.70	0.280	0.210
RANGE :	117.2	53.4	0.86	0.1390	4.85	0.950	0.700
ARITH. MEAN :	75.8	36.2	4.32	0.0869	3.98	0.578	0.549
ARITH. STD. DEV :	41.7	14.0	0.21	0.0370	1.31	0.238	0.202
GEOM. MEAN :	65.5	34.0	4.31	0.0811	3.76	0.542	0.511
GEOM. STD. DEV. :	1.8	1.4	1.05	1.4532	1.44	1.443	1.514
1ST QUARTILE :	38.5	26.5	4.17	0.0666	3.20	0.440	0.430
2ND QUARTILE :	65.9	33.9	4.34	0.0731	3.85	0.535	0.525
3RD QUARTILE :	88.5	41.0	4.41	0.0943	4.57	0.605	0.670
VOL. WGT. MEAN :	*******	33.2	*******	0.0791	3.77	0.509	0.505

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	12.000	12.000	12.000	13.000	12.0000
MAXIMUM :	0.650	1.000	0.155	0.400	0.300	0.790	0.2800
MINIMUM :	0.090	0.180	0.040	0.002	0.020	0.090	0.0015
RANGE :	0.560	0.820	0.115	0.397	0.280	0.700	0.2785
ARITH. MEAN :	0.268	0.562	0.100	0.115	0.112	0.445	0.0390
ARITH. STD. DEV :	0.159	0.254	0.037	0.124	0.086	0.227	0.0795
GEOM. MEAN :	0.232	0.502	0.093	0.064	0.085	0.373	0.0134
GEOM. STD. DEV. :	1.724	1.698	1.534	3.728	2.258	2.007	3.8263
1ST QUARTILE :	0.165	0.280	0.072	0.042	0.065	0.248	0.0075
2ND QUARTILE :	0.195	0.550	0.100	0.060	0.077	0.430	0.0110
3RD QUARTILE :	0.300	0.725	0.132	0.170	0.160	0.565	0.0165
VOL. WGT. MEAN :	0.217	0.526	0.090	0.092	0.090	0.411	0.0217

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	12.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0080	0.0040	0.022	0.1280	0.0260	0.0010	0.157
MINIMUM :	0.0010	0.0005	0.005	0.0202	0.0030	0.0010	0.028
RANGE :	0.0070	0.0035	0.017	0.1078	0.0230	0.0000	0.129
ARITH. MEAN :	0.0044	0.0015	0.011	0.0617	0.0082	0.0010	0.072
ARITH. STD. DEV :	0.0017	0.0016	0.005	0.0326	0.0061	0.0000	0.044
GEOM. MEAN :	0.0040	0.0010	0.010	0.0543	0.0068	0.0010	0.062
GEOM. STD. DEV. :	1.6393	2.5834	1.560	1.7186	1.8129	1.0000	1.781
1ST QUARTILE :	0.0035	0.0005	0.007	0.0437	0.0050	0.0010	0.038
2ND QUARTILE :	0.0040	0.0005	0.009	0.0563	0.0060	0.0010	0.055
3RD QUARTILE :	0.0050	0.0020	0.013	0.0667	0.0080	0.0010	0.082
VOL. WGT. MEAN :	0.0044	0.0012	0.010	0.0625	0.0070	0.0010	0.082

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0078	0.00140	0.1514
MINIMUM :	0.0007	0.00005	0.0209
RANGE :	0.0071	0.00135	0.1305
ARITH. MEAN :	0.0032	0.00031	0.0544
ARITH. STD. DEV :	0.0025	0.00037	0.0328
GEOM. MEAN :	0.0023	0.00018	0.0481
GEOM. STD. DEV. :	2.3501	2.89711	1.6338
1ST QUARTILE :	0.0011	0.00008	0.0359
2ND QUARTILE :	0.0019	0.00015	0.0452
3RD QUARTILE :	0.0048	0.00035	0.0587
VOL. WGT. MEAN :	0.0026	0.00028	0.0477

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16,82 TO NOV 9,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	8.0	5.0	3.00	6.0000	6.00	7.000	4.000
MAXIMUM :	78.5	39.8	6.31	0.0368	3.95	0.340	0.610
MINIMUM :	2.7	11.4	4.91	0.0140	1.05	0.050	0.130
RANGE :	75.8	28.4	1.40	0.0228	2.90	0.290	0.480
ARITH. MEAN :	23.1	20.5	5.47	0.0257	1.79	0.173	0.400
ARITH. STD. DEV :	26.8	11.4	0.74	0.0106	1.07	0.109	0.200
GEOM. MEAN :	12.9	18.5	5.43	0.0238	1.61	0.141	0.348
GEOM. STD. DEV. :	3.2	1.6	1.14	1.5475	1.58	2.057	1.971
1ST QUARTILE :	5.2	11.9	*******	0.0154	1.20	0.060	0.265
2ND QUARTILE :	11.1	15.6	*******	0.0258	1.42	0.125	0.430
3RD QUARTILE :	35.5	19.5	*******	0.0345	1.50	0.250	0.535
VOL. WGT. MEAN :	*******	26.3	*******	0.0283	1.62	0.105	0.379

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16,82 TO NOV 9,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	6.000	6.000	5.000	4.000	6.000	5.000	6.0000
MAXIMUM :	0.530	1.030	0.405	0.200	1.000	0.830	0.1090
MINIMUM :	0.180	0.290	0.100	0.055	0.105	0.130	0.0000
RANGE :	0.350	0.740	0.305	0.145	0.895	0.700	0.1090
ARITH. MEAN :	0.355	0.520	0.181	0.125	0.453	0.369	0.0299
ARITH. STD. DEV :	0.160	0.300	0.126	0.062	0.337	0.272	0.0408
GEOM. MEAN :	0.323	0.460	0.157	0.112	0.350	0.304	0.0341
GEOM. STD. DEV. :	1.619	1.695	1.722	1.741	2.279	1.976	4.7985
1ST QUARTILE :	0.195	0.295	0.115	0.077	0.152	0.177	0.0007
2ND QUARTILE :	0.345	0.385	0.132	0.123	0.360	0.261	0.0185
3RD QUARTILE :	0.480	0.590	0.135	0.172	0.557	0.330	0.0285
VOL. WGT. MEAN :	0.440	0.527	0.145	0.106	0.524	0.408	0.0316

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16,82 TO NOV 9,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	4.0000	4.0000	4.000	4.0000	4.0000	4.0000	4.000
MAXIMUM :	0.0030	0.0005	0.010	0.0789	0.0040	0.0010	0.041
MINIMUM :	0.0005	0.0005	0.002	0.0081	0.0005	0.0010	0.012
RANGE :	0.0025	0.0000	0.008	0.0708	0.0035	0.0000	0.029
ARITH. MEAN :	0.0021	0.0005	0.006	0.0393	0.0022	0.0010	0.024
ARITH. STD. DEV :	0.0012	0.0000	0.003	0.0303	0.0020	0.0000	0.012
GEOM. MEAN :	0.0017	0.0005	0.005	0.0293	0.0014	0.0010	0.022
GEOM. STD. DEV. :	2.3398	1.0000	2.182	2.6331	3.3220	1.0000	1.644
1ST QUARTILE :	0.0012	0.0005	0.003	0.0170	0.0005	0.0010	0.017
2ND QUARTILE :	0.0025	0.0005	0.006	0.0350	0.0022	0.0010	0.022
3RD QUARTILE :	0.0030	0.0005	0.008	0.0616	0.0040	0.0010	0.032
VOL. MGT. MEAN :	0.0022	0.0005	0.006	0.0274	0.0013	0.0010	0.022

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16,82 TO NOV 9,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	4.0000	4.00000	3.0000
MAXIMUM :	0.0022	0.00020	0.0123
MINIMUM :	0.0008	0.00005	0.0005
RANGE :	0.0014	0.00015	0.0118
ARITH. MEAN :	0.0016	0.00009	0.0065
ARITH. STD. DEV :	0.0007	0.00007	0.0059
GEOM. MEAN :	0.0015	0.00007	0.0034
GEOM. STD. DEV. :	1.6320	2.00000	5.5299
1ST QUARTILE :	0.0010	0.00005	********
2ND QUARTILE :	0.0017	0.00005	********
3RD QUARTILE :	0.0022	0.00012	********
VOL. WGT. MEAN :	0.0016	0.00006	0.0053

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CHEMISTRY
APIOS [illegible] IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24,83 TO DEC 6,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	5.0	5.0	4.00	5.0000	5.00	5.000	3.000
MAXIMUM :	124.0	23.6	4.96	0.0466	3.65	0.850	0.310
MINIMUM :	23.0	11.6	4.64	0.0168	1.45	0.190	0.080
RANGE :	101.0	12.0	0.32	0.0298	2.20	0.660	0.230
ARITH. MEAN :	61.8	17.5	4.77	0.0362	2.28	0.412	0.173
ARITH. STD. DEV :	38.6	4.6	0.15	0.0115	0.88	0.270	0.121
GEOM. MEAN :	53.0	17.0	4.77	0.0342	2.16	0.351	0.148
GEOM. STD. DEV. :	1.9	1.3	1.03	1.5030	1.44	1.863	1.986
1ST QUARTILE :	32.5	13.5	4.65	0.0265	1.55	0.195	********
2ND QUARTILE :	46.0	15.9	4.75	0.0379	1.88	0.280	********
3RD QUARTILE :	60.0	18.5	4.90	0.0406	2.32	0.410	********
VOL. WGT. MEAN :	*******	16.3	*******	0.0404	2.03	0.325	0.136

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24,83 TO DEC 6,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	5.000	5.000	4.000	4.000	5.000	5.000	4.0000
MAXIMUM :	0.210	0.500	0.125	0.195	0.135	0.388	0.0850
MINIMUM :	0.000	0.150	0.010	0.020	0.015	0.156	0.0005
RANGE :	0.210	0.350	0.115	0.175	0.120	0.232	0.0845
ARITH. MEAN :	0.114	0.352	0.045	0.081	0.062	0.277	0.0246
ARITH. STD. DEV :	0.075	0.138	0.054	0.079	0.046	0.085	0.0404
GEOM. MEAN :	0.205	0.325	0.028	0.057	0.049	0.265	0.0065
GEOM. STD. DEV. :	1.598	1.609	2.911	2.683	2.259	1.403	8.1468
1ST QUARTILE :	0.055	0.235	0.015	0.027	0.027	0.202	0.0032
2ND QUARTILE :	0.115	0.325	0.022	0.055	0.042	0.266	0.0065
3RD QUARTILE :	0.125	0.395	0.075	0.135	0.060	0.296	0.0460
VOL. WGT. MEAN :	0.079	0.289	0.042	0.075	0.043	0.245	0.0247

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24,83 TO DEC 6,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	3.0000	5.0000	5.000	4.0000	5.0000	5.0000	4.000
MAXIMUM :	0.0040	0.0005	0.034	0.0463	0.0060	0.0010	0.086
MINIMUM :	0.0030	0.0005	0.001	0.0122	0.0010	0.0010	0.015
RANGE :	0.0010	0.0000	0.033	0.0341	0.0050	0.0000	0.070
ARITH. MEAN :	0.0033	0.0005	0.010	0.0334	0.0030	0.0010	0.042
ARITH. STD. DEV :	0.0006	0.0000	0.014	0.0148	0.0020	0.0000	0.031
GEOM. MEAN :	0.0033	0.0005	0.005	0.0298	0.0025	0.0010	0.035
GEOM. STD. DEV. :	1.1807	1.0000	3.336	1.8336	2.0017	1.0000	2.067
1ST QUARTILE :	********	0.0005	0.002	0.0237	0.0015	0.0010	0.021
2ND QUARTILE :	********	0.0005	0.004	0.0375	0.0020	0.0010	0.034
3RD QUARTILE :	********	0.0005	0.006	0.0430	0.0030	0.0010	0.064
VOL. WGT. MEAN :	0.0032	0.0005	0.006	0.0279	0.0023	0.0010	0.038

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24,83 TO DEC 6,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	5.0000	5.00000	4.0000
MAXIMUM :	0.0120	0.00020	0.0229
MINIMUM :	0.0007	0.00005	0.0110
RANGE :	0.0113	0.00015	0.0119
ARITH. MEAN :	0.0033	0.00008	0.0176
ARITH. STD. DEV :	0.0049	0.00007	0.0058
GEOM. MEAN :	0.0017	0.00007	0.0168
GEOM. STD. DEV. :	3.1208	1.85887	1.4212
1ST QUARTILE :	0.0008	0.00005	0.0127
2ND QUARTILE :	0.0010	0.00005	0.0182
3RD QUARTILE :	0.0014	0.00005	0.0224
VOL. WGT. MEAN :	0.0018	0.00006	0.0186

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	12.0	12.0	11.00	12.0000	12.00	12.000	12.000
MAXIMUM :	74.5	43.5	4.51	0.1246	5.95	0.730	0.730
MINIMUM :	8.0	19.2	4.02	0.0250	0.80	0.290	0.050
RANGE :	66.5	24.3	0.49	0.0996	5.15	0.440	0.680
ARITH. MEAN :	35.0	30.0	4.28	0.0781	3.00	0.455	0.222
ARITH. STD. DEV :	23.1	8.7	0.18	0.0293	1.30	0.164	0.198
GEOM. MEAN :	26.5	28.8	4.27	0.0722	2.72	0.430	0.169
GEOM. STD. DEV. :	2.3	1.3	1.04	1.5568	1.65	1.412	2.092
1ST QUARTILE :	9.7	21.4	4.06	0.0581	2.20	0.315	0.115
2ND QUARTILE :	32.9	29.4	4.29	0.0802	2.98	0.395	0.155
3RD QUARTILE :	49.9	37.0	4.41	0.0941	3.72	0.585	0.230
VOL. WGT. MEAN :	*******	27.9	*******	0.0746	2.66	0.450	0.173

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	11.000	11.000	11.000	11.000	12.000	11.0000
MAXIMUM :	0.400	1.120	0.090	0.295	0.120	0.620	0.0610
MINIMUM :	0.000	0.015	0.000	0.002	0.015	0.028	0.0010
RANGE :	0.400	1.105	0.090	0.293	0.105	0.592	0.0600
ARITH. MEAN :	0.127	0.458	0.030	0.098	0.065	0.285	0.0193
ARITH. STD. DEV :	0.102	0.325	0.025	0.103	0.036	0.183	0.0200
GEOM. MEAN :	0.141	0.317	0.038	0.048	0.055	0.219	0.0090
GEOM. STD. DEV. :	1.768	3.160	2.004	4.182	1.914	2.378	4.5351
1ST QUARTILE :	0.070	0.235	0.012	0.020	0.032	0.124	0.0012
2ND QUARTILE :	0.105	0.310	0.020	0.030	0.050	0.253	0.0095
3RD QUARTILE :	0.160	0.705	0.040	0.180	0.095	0.430	0.0345
VOL. WGT. MEAN :	0.124	0.448	0.026	0.114	0.066	0.282	0.0240

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	10.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0080	0.0020	0.034	0.0890	0.0180	0.0010	0.122
MINIMUM :	0.0005	0.0005	0.003	0.0121	0.0030	0.0010	0.020
RANGE :	0.0075	0.0015	0.031	0.0769	0.0150	0.0000	0.102
ARITH. MEAN :	0.0031	0.0006	0.010	0.0377	0.0079	0.0010	0.041
ARITH. STD. DEV :	0.0020	0.0004	0.010	0.0233	0.0058	0.0000	0.029
GEOM. MEAN :	0.0025	0.0006	0.007	0.0318	0.0062	0.0010	0.035
GEOM. STD. DEV. :	2.1133	1.4921	2.261	1.8672	2.0310	1.0000	1.696
1ST QUARTILE :	0.0020	0.0005	0.003	0.0175	0.0035	0.0010	0.020
2ND QUARTILE :	0.0025	0.0005	0.006	0.0343	0.0050	0.0010	0.034
3RD QUARTILE :	0.0040	0.0005	0.011	0.0467	0.0140	0.0010	0.039
VOL. WGT. MEAN :	0.0028	0.0007	0.008	0.0342	0.0071	0.0010	0.037

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	11.0000
MAXIMUM :	0.0110	0.00080	0.0955
MINIMUM :	0.0008	0.00005	0.0309
RANGE :	0.0102	0.00075	0.0646
ARITH. MEAN :	0.0027	0.00018	0.0572
ARITH. STD. DEV :	0.0031	0.00022	0.0239
GEOM. MEAN :	0.0019	0.00011	0.0529
GEOM. STD. DEV. :	2.3078	2.64328	1.5072
1ST QUARTILE :	0.0010	0.00005	0.0348
2ND QUARTILE :	0.0014	0.00008	0.0484
3RD QUARTILE :	0.0030	0.00025	0.0735
VOL. WGT. MEAN :	0.0021	0.00018	0.0522

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	10.00	12.0000	12.00	12.000	9.000
MAXIMUM :	109.7	55.2	5.05	0.0878	9.85	1.350	1.130
MINIMUM :	22.0	17.0	4.31	0.0214	1.00	0.240	0.110
RANGE :	87.7	38.2	0.74	0.0664	8.85	1.110	1.020
ARITH. MEAN :	66.1	28.4	4.59	0.0530	4.21	0.632	0.542
ARITH. STD. DEV :	30.9	12.0	0.23	0.0199	2.91	0.356	0.376
GEOM. MEAN :	58.3	26.6	4.58	0.0492	3.43	0.560	0.420
GEOM. STD. DEV. :	1.7	1.4	1.05	1.5221	1.96	1.643	2.242
1ST QUARTILE :	34.3	18.8	4.40	0.0357	2.22	0.405	0.220
2ND QUARTILE :	68.8	24.1	4.53	0.0587	3.57	0.520	0.420
3RD QUARTILE :	85.8	29.6	4.66	0.0612	4.90	0.685	0.645
VOL. WGT. MEAN :	*******	25.0	*******	0.0502	3.56	0.529	0.582

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	12.000	12.000	12.000	12.000	12.0000
MAXIMUM :	0.310	1.970	0.335	0.280	0.120	1.410	0.1010
MINIMUM :	0.070	0.320	0.015	0.002	0.020	0.118	0.0040
RANGE :	0.240	1.650	0.320	0.277	0.100	1.292	0.0970
ARITH. MEAN :	0.182	0.841	0.090	0.096	0.062	0.591	0.0382
ARITH. STD. DEV :	0.082	0.624	0.096	0.092	0.030	0.450	0.0409
GEOM. MEAN :	0.164	0.664	0.059	0.053	0.055	0.447	0.0204
GEOM. STD. DEV. :	1.655	2.020	2.611	3.819	1.785	2.225	3.3148
1ST QUARTILE :	0.120	0.360	0.032	0.027	0.037	0.273	0.0085
2ND QUARTILE :	0.160	0.515	0.052	0.062	0.072	0.370	0.0130
3RD QUARTILE :	0.245	1.335	0.107	0.155	0.080	0.905	0.0850
VOL. WGT. MEAN :	0.151	0.691	0.068	0.069	0.058	0.492	0.0296

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0160	0.0040	0.016	0.2040	0.0180	0.0010	0.209
MINIMUM :	0.0005	0.0005	0.003	0.0090	0.0040	0.0010	0.017
RANGE :	0.0155	0.0035	0.012	0.1950	0.0140	0.0000	0.192
ARITH. MEAN :	0.0058	0.0011	0.007	0.0932	0.0084	0.0010	0.092
ARITH. STD. DEV :	0.0051	0.0011	0.004	0.0672	0.0039	0.0000	0.073
GEOM. MEAN :	0.0038	0.0008	0.006	0.0671	0.0077	0.0010	0.064
GEOM. STD. DEV. :	2.8460	2.0781	1.666	2.5897	1.5330	1.0000	2.613
1ST QUARTILE :	0.0020	0.0005	0.004	0.0382	0.0055	0.0010	0.022
2ND QUARTILE :	0.0040	0.0005	0.007	0.0875	0.0080	0.0010	0.051
3RD QUARTILE :	0.0075	0.0015	0.009	0.1385	0.0100	0.0010	0.161
VOL. WGT. MEAN :	0.0045	0.0010	0.006	0.0835	0.0072	0.0010	0.084

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	10.0000
MAXIMUM :	0.0060	0.00030	0.0490
MINIMUM :	0.0007	0.00005	0.0089
RANGE :	0.0052	0.00025	0.0401
ARITH. MEAN :	0.0027	0.00011	0.0290
ARITH. STD. DEV :	0.0020	0.00008	0.0128
GEOM. MEAN :	0.0020	0.00009	0.0259
GEOM. STD. DEV. :	2.2220	1.93818	1.7093
1ST QUARTILE :	0.0010	0.00005	0.0158
2ND QUARTILE :	0.0017	0.00008	0.0292
3RD QUARTILE :	0.0050	0.00015	0.0351
VOL WGT. MEAN :	0.0027	0.00011	0.0268

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	132.0	67.0	4.35	0.1676	8.60	1.420	0.940
MINIMUM :	18.0	24.7	3.90	0.0644	2.35	0.190	0.140
RANGE :	114.0	42.3	0.45	0.1032	6.25	1.230	0.800
ARITH. MEAN :	65.6	40.1	4.24	0.0965	4.57	0.638	0.498
ARITH. STD. DEV :	36.6	13.1	0.13	0.0262	1.67	0.305	0.251
GEOM. MEAN :	55.1	38.3	4.24	0.0937	4.30	0.574	0.426
GEOM. STD. DEV. :	1.9	1.4	1.03	1.2734	1.44	1.637	1.675
1ST QUARTILE :	32.5	30.2	4.16	0.0795	3.27	0.410	0.235
2ND QUARTILE :	58.5	36.0	4.29	0.0892	4.48	0.600	0.540
3RD QUARTILE :	80.0	47.6	4.31	0.1014	5.05	0.715	0.585
VOL. WGT. MEAN :	*******	36.1	*******	0.0882	4.17	0.524	0.457

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	13.000	13.000	13.000	11.000	13.000	12.0000
MAXIMUM :	0.470	1.400	0.345	0.095	0.205	1.170	0.0660
MINIMUM :	0.110	0.240	0.035	0.005	0.025	0.150	0.0015
RANGE :	0.360	1.160	0.310	0.090	0.180	1.020	0.0645
ARITH. MEAN :	0.209	0.605	0.139	0.046	0.068	0.512	0.0152
ARITH. STD. DEV :	0.106	0.366	0.082	0.027	0.055	0.313	0.0176
GEOM. MEAN :	0.190	0.521	0.118	0.036	0.054	0.430	0.0099
GEOM. STD. DEV. :	1.560	1.751	1.837	2.388	1.992	1.868	2.5873
1ST QUARTILE :	0.120	0.325	0.092	0.030	0.025	0.257	0.0060
2ND QUARTILE :	0.180	0.515	0.120	0.042	0.045	0.430	0.0100
3RD QUARTILE :	0.220	0.645	0.145	0.057	0.077	0.590	0.0150
VOL. WGT. MEAN :	0.188	0.535	0.109	0.041	0.062	0.451	0.0118

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	12.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0120	0.0050	0.038	0.1730	0.0160	0.0010	0.195
MINIMUM :	0.0020	0.0005	0.005	0.0146	0.0040	0.0010	0.017
RANGE :	0.0100	0.0045	0.033	0.1584	0.0120	0.0000	0.178
ARITH. MEAN :	0.0056	0.0011	0.015	0.0783	0.0082	0.0010	0.084
ARITH. STD. DEV :	0.0032	0.0013	0.010	0.0541	0.0038	0.0000	0.056
GEOM. MEAN :	0.0047	0.0008	0.013	0.0591	0.0075	0.0010	0.067
GEOM. STD. DEV. :	1.9065	2.0407	1.864	2.3409	1.5738	1.0000	2.098
1ST QUARTILE :	0.0020	0.0005	0.008	0.0296	0.0050	0.0010	0.037
2ND QUARTILE :	0.0055	0.0005	0.011	0.0675	0.0070	0.0010	0.070
3RD QUARTILE :	0.0065	0.0010	0.018	0.1125	0.0100	0.0010	0.099
VOL. WGT. MEAN :	0.0047	0.0008	0.014	0.0669	0.0067	0.0010	0.078

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0029	0.00040	0.1259
MINIMUM :	0.0006	0.00005	0.0447
RANGE :	0.0023	0.00035	0.0812
ARITH. MEAN :	0.0012	0.00014	0.0606
ARITH. STD. DEV :	0.0007	0.00010	0.0225
GEOM. MEAN :	0.0011	0.00012	0.0579
GEOM. STD. DEV. :	1.6246	1.90107	1.3444
1ST QUARTILE :	0.0007	0.00008	0.0479
2ND QUARTILE :	0.0009	0.00010	0.0513
3RD QUARTILE :	0.0014	0.00020	0.0584
VOL. WGT. MEAN :	0.0010	0.00014	0.0549

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	9.00	13.0000	13.00	13.000	13.000
MAXIMUM :	137.0	51.0	4.66	0.1556	5.65	1.020	0.740
MINIMUM :	37.2	10.8	3.91	0.0218	0.70	0.230	0.080
RANGE :	99.8	40.2	0.75	0.1338	4.95	0.790	0.660
ARITH. MEAN :	64.3	26.7	4.37	0.0579	2.93	0.494	0.326
ARITH. STD. DEV :	30.2	10.5	0.21	0.0340	1.44	0.222	0.195
GEOM. MEAN :	59.1	24.7	4.37	0.0512	2.55	0.454	0.273
GEOM. STD. DEV. :	1.5	1.5	1.05	1.6492	1.80	1.529	1.918
1ST QUARTILE :	43.5	19.8	4.31	0.0363	1.95	0.360	0.195
2ND QUARTILE :	50.5	25.9	4.37	0.0461	2.72	0.445	0.270
3RD QUARTILE :	66.5	31.4	4.43	0.0657	3.63	0.530	0.375
VOL. WGT. MEAN :	*******	26.0	*******	0.0550	2.74	0.482	0.310

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	13.000	11.000	12.000	12.000	12.0000
MAXIMUM :	0.430	0.890	0.355	0.220	0.225	1.660	0.1600
MINIMUM :	0.070	0.100	0.002	0.000	0.020	0.070	0.0060
RANGE :	0.360	0.790	0.353	0.220	0.205	1.590	0.1540
ARITH. MEAN :	0.201	0.388	0.078	0.063	0.089	0.539	0.0335
ARITH. STD. DEV :	0.119	0.212	0.099	0.069	0.063	0.530	0.0471
GEOM. MEAN :	0.173	0.339	0.042	0.063	0.071	0.366	0.0183
GEOM. STD. DEV. :	1.751	1.769	3.437	2.550	2.034	2.522	2.8036
1ST QUARTILE :	0.115	0.230	0.022	0.019	0.047	0.190	0.0095
2ND QUARTILE :	0.155	0.345	0.035	0.037	0.070	0.385	0.0125
3RD QUARTILE :	0.210	0.425	0.062	0.060	0.120	0.560	0.0295
VOL. WGT. MEAN :	0.176	0.367	0.068	0.053	0.072	0.467	0.0259

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0080	0.0020	0.024	0.0938	0.0120	0.0010	0.059
MINIMUM :	0.0005	0.0005	0.003	0.0150	0.0020	0.0010	0.015
RANGE :	0.0075	0.0015	0.021	0.0788	0.0100	0.0000	0.044
ARITH. MEAN :	0.0033	0.0007	0.007	0.0389	0.0056	0.0010	0.032
ARITH. STD. DEV :	0.0027	0.0004	0.006	0.0231	0.0029	0.0000	0.014
GEOM. MEAN :	0.0023	0.0006	0.006	0.0335	0.0049	0.0010	0.029
GEOM. STD. DEV. :	2.5798	1.5386	1.834	1.7714	1.6800	1.0000	1.554
1ST QUARTILE :	0.0015	0.0005	0.004	0.0197	0.0035	0.0010	0.020
2ND QUARTILE :	0.0025	0.0005	0.005	0.0375	0.0045	0.0010	0.031
3RD QUARTILE :	0.0050	0.0005	0.008	0.0468	0.0070	0.0010	0.041
VOL. WGT. MEAN :	0.0031	0.0006	0.007	0.0372	0.0052	0.0010	0.029

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	9.0000
MAXIMUM :	0.0027	0.00170	0.1230
MINIMUM :	0.0007	0.00005	0.0219
RANGE :	0.0019	0.00165	0.1011
ARITH. MEAN :	0.0014	0.00021	0.0480
ARITH. STD. DEV :	0.0007	0.00047	0.0296
GEOM. MEAN :	0.0012	0.00009	0.0427
GEOM. STD. DEV. :	1.5954	2.80779	1.6107
1ST QUARTILE :	0.0008	0.00005	0.0326
2ND QUARTILE :	0.0012	0.00005	0.0389
3RD QUARTILE :	0.0018	0.00010	0.0457
VOL. WGT. MEAN :	0.0013	0.00019	0.0429

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	10.00	13.0000	12.00	13.000	12.000
MAXIMUM :	139.6	57.5	4.75	0.1102	5.75	1.090	0.760
MINIMUM :	16.0	9.9	4.18	0.0158	0.80	0.240	0.080
RANGE :	123.6	47.6	0.57	0.0944	4.95	0.850	0.680
ARITH. MEAN :	77.9	26.0	4.54	0.0563	2.80	0.470	0.490
ARITH. STD. DEV :	30.8	14.5	0.17	0.0261	1.28	0.239	0.190
GEOM. MEAN :	70.7	22.9	4.54	0.0504	2.52	0.426	0.436
GEOM. STD. DEV. :	1.7	1.7	1.04	1.6803	1.65	1.566	1.819
1ST QUARTILE :	63.0	16.7	4.41	0.0411	2.15	0.285	0.370
2ND QUARTILE :	71.6	22.6	4.59	0.0500	2.57	0.430	0.500
3RD QUARTILE :	80.5	29.2	4.65	0.0641	3.40	0.485	0.610
VOL. WGT. MEAN :	*******	22.3	*******	0.0513	2.60	0.402	0.450

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	13.000	12.000	11.000	10.000	13.000	12.0000
MAXIMUM :	0.380	1.670	0.100	0.085	0.195	1.340	0.0970
MINIMUM :	0.005	0.190	0.010	0.002	0.015	0.092	0.0050
RANGE :	0.375	1.480	0.090	0.082	0.180	1.248	0.0920
ARITH. MEAN :	0.170	0.786	0.056	0.049	0.086	0.549	0.0219
ARITH. STD. DEV :	0.099	0.480	0.022	0.027	0.064	0.369	0.0263
GEOM. MEAN :	0.125	0.653	0.050	0.037	0.065	0.441	0.0139
GEOM. STD. DEV. :	3.123	1.935	1.771	2.761	2.350	2.059	2.5381
1ST QUARTILE :	0.105	0.435	0.050	0.022	0.030	0.297	0.0065
2ND QUARTILE :	0.150	0.600	0.057	0.045	0.067	0.410	0.0110
3RD QUARTILE :	0.190	0.995	0.062	0.067	0.113	0.685	0.0300
VOL. WGT. MEAN :	0.147	0.702	0.052	0.046	0.078	0.457	0.0168

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	11.000	11.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0140	0.0010	0.020	0.1640	0.0120	0.0030	0.186
MINIMUM :	0.0020	0.0005	0.004	0.0170	0.0030	0.0010	0.017
RANGE :	0.0120	0.0005	0.016	0.1470	0.0090	0.0020	0.169
ARITH. MEAN :	0.0069	0.0006	0.009	0.0527	0.0064	0.0012	0.055
ARITH. STD. DEV :	0.0044	0.0002	0.004	0.0406	0.0029	0.0006	0.049
GEOM. MEAN :	0.0056	0.0006	0.009	0.0433	0.0058	0.0012	0.042
GEOM. STD. DEV. :	1.9708	1.3682	1.494	1.8787	1.6039	1.4323	2.047
1ST QUARTILE :	0.0030	0.0005	0.006	0.0254	0.0040	0.0010	0.021
2ND QUARTILE :	0.0050	0.0005	0.008	0.0375	0.0065	0.0010	0.033
3RD QUARTILE :	0.0105	0.0007	0.009	0.0580	0.0080	0.0010	0.068
VOL. WGT. MEAN :	0.0059	0.0007	0.008	0.0423	0.0057	0.0012	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	10.0000
MAXIMUM :	0.0045	0.00020	0.0661
MINIMUM :	0.0007	0.00005	0.0178
RANGE :	0.0037	0.00015	0.0483
ARITH. MEAN :	0.0015	0.00009	0.0310
ARITH. STD. DEV :	0.0010	0.00006	0.0145
GEOM. MEAN :	0.0013	0.00007	0.0286
GEOM. STD. DEV. :	1.6642	1.73263	1.4830
1ST QUARTILE :	0.0008	0.00005	0.0214
2ND QUARTILE :	0.0012	0.00005	0.0258
3RD QUARTILE :	0.0015	0.00010	0.0324
VOL. WGT. MEAN :	0.0014	0.00009	0.0287

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUHULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	12.00	13.0000	13.00	13.000	13.000
MAXIMUM :	131.7	43.3	6.10	0.1996	4.30	0.610	0.520
MINIMUM :	36.7	3.1	4.18	0.0156	0.35	0.070	0.040
RANGE :	95.0	40.1	1.92	0.1840	3.95	0.540	0.480
ARITH. MEAN :	59.7	17.1	4.80	0.0539	1.65	0.251	0.193
ARITH. STD. DEV :	26.5	10.9	0.56	0.0476	1.17	0.144	0.152
GEOM. MEAN :	55.6	14.2	4.77	0.0425	1.30	0.211	0.139
GEOM. STD. DEV. :	1.5	2.0	1.12	1.9558	2.09	1.913	2.402
1ST QUARTILE :	39.8	9.1	4.41	0.0287	0.75	0.130	0.055
2ND QUARTILE :	51.1	14.3	4.71	0.0409	1.22	0.240	0.140
3RD QUARTILE :	63.8	17.8	4.87	0.0530	1.95	0.310	0.285
VOL. MGT. MEAN :	*******	15.5	*******	0.0478	1.47	0.231	0.166

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	13.000	13.000	12.000	12.000	12.0000
MAXIMUM :	0.180	0.870	0.085	0.085	0.155	0.460	0.0230
MINIMUM :	0.000	0.050	0.000	0.002	0.002	0.000	0.0015
RANGE :	0.180	0.820	0.085	0.082	0.152	0.460	0.0215
ARITH. MEAN :	0.077	0.377	0.027	0.033	0.053	0.208	0.0111
ARITH. STD. DEV :	0.055	0.255	0.025	0.028	0.037	0.161	0.0062
GEOM. MEAN :	0.080	0.276	0.041	0.018	0.040	0.156	0.0091
GEOM. STD. DEV. :	2.598	2.565	2.655	3.825	2.634	4.162	2.1377
1ST QUARTILE :	0.045	0.155	0.008	0.004	0.040	0.055	0.0060
2ND QUARTILE :	0.065	0.365	0.017	0.027	0.045	0.232	0.0115
3RD QUARTILE :	0.120	0.525	0.037	0.045	0.052	0.362	0.0160
VOL. WGT. MEAN :	0.066	0.326	0.023	0.029	0.045	0.177	0.0108

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	13.0000	13.0000	12.000	12.0000	13.0000	13.0000	12.000
MAXIMUM :	0.0060	0.0010	0.009	0.1160	0.0100	0.0010	0.101
MINIMUM :	0.0005	0.0005	0.001	0.0069	0.0005	0.0010	0.011
RANGE :	0.0055	0.0005	0.008	0.1091	0.0095	0.0000	0.090
ARITH. MEAN :	0.0022	0.0005	0.004	0.0368	0.0027	0.0010	0.033
ARITH. STD. DEV :	0.0018	0.0001	0.003	0.0334	0.0028	0.0000	0.025
GEOM. MEAN :	0.0015	0.0005	0.003	0.0245	0.0017	0.0010	0.026
GEOM. STD. DEV. :	2.5595	1.2120	2.145	2.6596	2.7702	1.0000	2.029
1ST QUARTILE :	0.0005	0.0005	0.002	0.0096	0.0007	0.0010	0.013
2ND QUARTILE :	0.0015	0.0005	0.003	0.0276	0.0010	0.0010	0.034
3RD QUARTILE :	0.0035	0.0005	0.006	0.0575	0.0035	0.0010	0.041
VOL. WGT. MEAN :	0.0019	0.0005	0.003	0.0316	0.0024	0.0010	0.029

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	13.00000	12.0000
MAXIMUM :	0.0024	0.00020	0.0661
MINIMUM :	0.0007	0.00005	0.0008
RANGE :	0.0017	0.00015	0.0653
ARITH. MEAN :	0.0011	0.00008	0.0254
ARITH. STD. DEV :	0.0005	0.00004	0.0195
GEOM. MEAN :	0.0010	0.00007	0.0159
GEOM. STD. DEV. :	1.4088	1.58033	3.6405
1ST QUARTILE :	0.0008	0.00005	0.0135
2ND QUARTILE :	0.0010	0.00005	0.0195
3RD QUARTILE :	0.0012	0.00010	0.0392
VOL. WGT. MEAN :	0.0010	0.00007	0.0235

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	163.0	46.8	4.50	0.1130	5.45	0.830	0.630
MINIMUM :	27.0	18.5	4.16	0.0432	0.95	0.270	0.040
RANGE :	136.0	28.3	0.34	0.0698	4.50	0.560	0.590
ARITH. MEAN :	74.4	29.4	4.31	0.0764	2.72	0.468	0.217
ARITH. STD. DEV :	41.1	7.0	0.10	0.0205	1.20	0.139	0.177
GEOM. MEAN :	65.3	28.7	4.31	0.0736	2.49	0.452	0.154
GEOM. STD. DEV. :	1.7	1.3	1.02	1.3384	1.57	1.319	2.472
1ST QUARTILE :	45.0	25.4	4.22	0.0602	1.93	0.380	0.060
2ND QUARTILE :	65.0	28.3	4.31	0.0785	2.32	0.430	0.155
3RD QUARTILE :	83.0	31.9	4.35	0.0838	3.07	0.520	0.270
VOL. WGT. MEAN :	*******	27.4	*******	0.0697	2.46	0.436	0.197

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.130	0.840	0.140	0.070	0.105	0.680	0.0270
MINIMUM :	0.020	0.080	0.000	0.000	0.015	0.048	0.0010
RANGE :	0.110	0.760	0.140	0.070	0.090	0.632	0.0260
ARITH. MEAN :	0.097	0.409	0.035	0.030	0.047	0.326	0.0078
ARITH. STD. DEV :	0.036	0.218	0.037	0.021	0.025	0.200	0.0069
GEOM. MEAN :	0.087	0.349	0.036	0.035	0.041	0.267	0.0055
GEOM. STD. DEV. :	1.728	1.886	2.359	2.154	1.763	2.039	2.5102
1ST QUARTILE :	0.065	0.240	0.010	0.015	0.027	0.182	0.0030
2ND QUARTILE :	0.110	0.335	0.023	0.030	0.040	0.243	0.0055
3RD QUARTILE :	0.125	0.585	0.045	0.035	0.060	0.365	0.0095
VOL. WGT. MEAN :	0.085	0.366	0.030	0.024	0.042	0.292	0.0068

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0090	0.0010	0.008	0.1140	0.0140	0.0010	0.110
MINIMUM :	0.0005	0.0005	0.001	0.0056	0.0010	0.0010	0.006
RANGE :	0.0085	0.0005	0.007	0.1084	0.0130	0.0000	0.104
ARITH. MEAN :	0.0024	0.0006	0.004	0.0309	0.0052	0.0010	0.036
ARITH. STD. DEV :	0.0025	0.0002	0.002	0.0300	0.0031	0.0000	0.031
GEOM. MEAN :	0.0016	0.0006	0.003	0.0213	0.0044	0.0010	0.026
GEOM. STD. DEV. :	2.5940	1.2973	1.683	2.4551	1.8064	1.0000	2.369
1ST QUARTILE :	0.0007	0.0005	0.002	0.0096	0.0040	0.0010	0.014
2ND QUARTILE :	0.0010	0.0005	0.004	0.0167	0.0040	0.0010	0.019
3RD QUARTILE :	0.0030	0.0005	0.005	0.0377	0.0045	0.0010	0.047
VOL. WGT. MEAN :	0.0019	0.0006	0.004	0.0240	0.0058	0.0010	0.027

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0016	0.00040	0.0692
MINIMUM :	0.0007	0.00005	0.0316
RANGE :	0.0009	0.00035	0.0376
ARITH. MEAN :	0.0010	0.00009	0.0504
ARITH. STD. DEV :	0.0003	0.00010	0.0114
GEOM. MEAN :	0.0010	0.00007	0.0492
GEOM. STD. DEV. :	1.3104	1.83663	1.2597
1ST QUARTILE :	0.0007	0.00005	0.0418
2ND QUARTILE :	0.0010	0.00005	0.0490
3RD QUARTILE :	0.0011	0.00010	0.0537
VOL. WGT. MEAN :	0.0010	0.00008	0.0474

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	9.00	11.0000	12.00	12.000	9.000
MAXIMUM :	90.0	30.0	6.46	0.0726	3.25	0.480	0.350
MINIMUM :	3.2	6.8	4.32	0.0106	0.60	0.160	0.050
RANGE :	86.8	23.2	2.14	0.0620	2.65	0.320	0.300
ARITH. MEAN :	46.0	13.9	4.88	0.0394	1.51	0.262	0.186
ARITH. STD. DEV :	29.8	7.1	0.64	0.0200	0.78	0.099	0.110
GEOM. MEAN :	32.7	12.5	4.85	0.0343	1.34	0.247	0.154
GEOM. STD. DEV. :	2.8	1.6	1.13	1.7957	1.68	1.419	1.965
1ST QUARTILE :	14.4	8.5	4.53	0.0205	0.92	0.195	0.090
2ND QUARTILE :	47.8	10.4	4.64	0.0335	1.30	0.235	0.130
3RD QUARTILE :	64.8	17.8	4.84	0.0570	2.05	0.313	0.260
VOL WGT. MEAN :	*******	11.3	*******	0.0316	1.35	0.242	0.177

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	11.000	11.000	11.000	11.000	12.000	12.0000
MAXIMUM :	0.250	0.600	0.100	0.150	0.215	0.466	0.0500
MINIMUM :	0.000	0.070	0.000	0.000	0.002	0.012	0.0010
RANGE :	0.250	0.530	0.100	0.150	0.212	0.454	0.0490
ARITH. MEAN :	0.106	0.369	0.044	0.062	0.081	0.263	0.0225
ARITH. STD. DEV :	0.084	0.156	0.033	0.053	0.074	0.151	0.0142
GEOM. MEAN :	0.137	0.328	0.054	0.069	0.041	0.199	0.0164
GEOM. STD. DEV. :	2.969	1.804	2.010	2.116	4.402	2.725	2.8456
1ST QUARTILE :	0.027	0.270	0.017	0.022	0.010	0.158	0.0125
2ND QUARTILE :	0.105	0.320	0.032	0.040	0.060	0.227	0.0227
3RD QUARTILE :	0.170	0.495	0.057	0.090	0.132	0.440	0.0305
VOL. WGT. MEAN :	0.071	0.360	0.051	0.069	0.044	0.267	0.0225

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	9.0000	10.0000	10.000	10.0000	11.0000	11.0000	10.000
MAXIMUM :	0.0120	0.0030	0.015	0.1450	0.0060	0.0010	0.151
MINIMUM :	0.0010	0.0005	0.002	0.0213	0.0005	0.0010	0.021
RANGE :	0.0110	0.0025	0.013	0.1237	0.0055	0.0000	0.129
ARITH. MEAN :	0.0040	0.0008	0.006	0.0715	0.0030	0.0010	0.069
ARITH. STD. DEV :	0.0033	0.0008	0.004	0.0405	0.0017	0.0000	0.040
GEOM. MEAN :	0.0031	0.0006	0.004	0.0608	0.0025	0.0010	0.059
GEOM. STD. DEV. :	2.2058	1.7939	2.118	1.8702	2.1722	1.0000	1.809
1ST QUARTILE :	0.0015	0.0005	0.002	0.0318	0.0010	0.0010	0.037
2ND QUARTILE :	0.0035	0.0005	0.005	0.0658	0.0030	0.0010	0.059
3RD QUARTILE :	0.0040	0.0005	0.006	0.0892	0.0040	0.0010	0.086
VOL. WGT. MEAN :	0.0036	0.0006	0.004	0.0667	0.0023	0.0010	0.069

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	11.00000	9.0000
MAXIMUM :	0.0058	0.00120	0.0479
MINIMUM :	0.0008	0.00005	0.0003
RANGE :	0.0051	0.00115	0.0475
ARITH. MEAN :	0.0023	0.00021	0.0211
ARITH. STD. DEV :	0.0017	0.00034	0.0142
GEOM. MEAN :	0.0019	0.00011	0.0131
GEOM. STD. DEV. :	2.0179	2.87678	4.3363
1ST QUARTILE :	0.0009	0.00005	0.0105
2ND QUARTILE :	0.0017	0.00005	0.0171
3RD QUARTILE :	0.0031	0.00020	0.0282
VOL. WGT. MEAN :	0.0018	0.00011	0.0163

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	11.00	11.0000	13.00	13.000	9.000
MAXIMUM :	73.0	28.0	6.33	0.0644	2.95	0.560	0.340
MINIMUM :	0.9	5.9	4.41	0.0142	0.50	0.100	0.040
RANGE :	72.1	22.1	1.92	0.0502	2.45	0.460	0.300
ARITH. MEAN :	35.9	14.0	5.16	0.0329	1.36	0.305	0.197
ARITH. STD. DEV :	24.5	7.9	0.72	0.0149	0.79	0.134	0.110
GEOM. MEAN :	21.5	12.1	5.12	0.0301	1.17	0.276	0.162
GEOM. STD. DEV. :	4.2	1.8	1.15	1.5615	1.76	1.636	2.090
1ST QUARTILE :	16.3	6.6	4.47	0.0200	0.75	0.225	0.090
2ND QUARTILE :	30.3	9.3	4.84	0.0270	0.90	0.265	0.180
3RD QUARTILE :	57.8	19.9	5.73	0.0426	1.57	0.388	0.260
VOL. MGT. MEAN :	*******	10.1	*******	0.0277	1.23	0.270	0.226

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	9.000	9.000	8.000	11.000	12.0000
MAXIMUM :	0.230	0.854	0.105	0.160	0.110	0.712	0.0360
MINIMUM :	0.000	0.080	0.010	0.000	0.015	0.018	0.0015
RANGE :	0.230	0.774	0.095	0.160	0.095	0.694	0.0345
ARITH. MEAN :	0.104	0.423	0.037	0.052	0.048	0.340	0.0132
ARITH. STD. DEV :	0.086	0.211	0.030	0.045	0.031	0.189	0.0093
GEOM. MEAN :	0.146	0.364	0.028	0.068	0.040	0.258	0.0104
GEOM. STD. DEV. :	2.240	1.885	2.105	1.888	1.909	2.722	2.2081
1ST QUARTILE :	0.035	0.255	0.015	0.030	0.027	0.162	0.0085
2ND QUARTILE :	0.085	0.430	0.025	0.035	0.040	0.336	0.0090
3RD QUARTILE :	0.187	0.545	0.040	0.050	0.062	0.445	0.0186
VOL. MGT. MEAN :	0.071	0.439	0.047	0.067	0.038	0.347	0.0104

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANESE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	10.0000	10.000	9.0000	11.0000	11.0000	10.000
MAXIMUM :	0.0080	0.0010	0.012	0.1180	0.0060	0.0010	0.119
MINIMUM :	0.0005	0.0005	0.002	0.0252	0.0005	0.0010	0.023
RANGE :	0.0075	0.0005	0.010	0.0928	0.0055	0.0000	0.095
ARITH. MEAN :	0.0036	0.0005	0.006	0.0552	0.0030	0.0010	0.061
ARITH. STD. DEV :	0.0022	0.0002	0.004	0.0328	0.0017	0.0000	0.041
GEOM. MEAN :	0.0028	0.0005	0.005	0.0478	0.0024	0.0010	0.049
GEOM. STD. DEV. :	2.5083	1.2451	2.069	1.7394	2.1801	1.0000	2.010
1ST QUARTILE :	0.0012	0.0005	0.002	0.0305	0.0010	0.0010	0.024
2ND QUARTILE :	0.0035	0.0005	0.006	0.0383	0.0030	0.0010	0.044
3RD QUARTILE :	0.0045	0.0005	0.008	0.0629	0.0040	0.0010	0.093
VOL. WGT. MEAN :	0.0035	0.0006	0.005	0.0551	0.0023	0.0010	0.061

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	10.00000	11.0000
MAXIMUM :	0.0033	0.00020	0.0389
MINIMUM :	0.0007	0.00005	0.0005
RANGE :	0.0026	0.00015	0.0384
ARITH. MEAN :	0.0017	0.00008	0.0155
ARITH. STD. DEV :	0.0009	0.00006	0.0146
GEOM. MEAN :	0.0014	0.00007	0.0069
GEOM. STD. DEV. :	1.7668	1.80230	5.2334
1ST QUARTILE :	0.0008	0.00005	0.0008
2ND QUARTILE :	0.0012	0.00005	0.0101
3RD QUARTILE :	0.0021	0.00008	0.0250
VOL. WGT. MEAN :	0.0013	0.00007	0.0082

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	5.0	5.0	5.00	5.0000	5.00	5.000	4.000
MAXIMUM :	229.0	14.0	5.18	0.0414	2.05	0.250	0.220
MINIMUM :	6.0	7.3	4.58	0.0184	0.65	0.000	0.040
RANGE :	223.0	6.7	0.60	0.0230	1.40	0.250	0.180
ARITH. MEAN :	93.1	10.4	4.96	0.0295	1.17	0.140	0.137
ARITH. STD. DEV :	83.6	2.8	0.27	0.0101	0.53	0.099	0.096
GEOM. MEAN :	56.4	10.1	4.96	0.0282	1.09	0.236	0.108
GEOM. STD. DEV. :	3.9	1.3	1.06	1.4127	1.52	1.667	2.349
1ST QUARTILE :	33.2	7.8	4.68	0.0208	0.77	0.055	0.055
2ND QUARTILE :	63.3	9.2	4.95	0.0245	1.00	0.115	0.145
3RD QUARTILE :	85.1	11.3	5.14	0.0323	1.13	0.170	0.220
VOL. WGT. MEAN :	*******	11.0	*******	0.0272	1.21	0.195	0.160

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	5.000	5.000	4.000	4.000	4.000	4.000	5.0000
MAXIMUM :	0.450	0.410	0.030	0.085	0.050	0.314	0.0700
MINIMUM :	0.000	0.110	0.010	0.000	0.030	0.018	0.0010
RANGE :	0.450	0.300	0.020	0.085	0.020	0.296	0.0690
ARITH. MEAN :	0.126	0.292	0.020	0.039	0.040	0.221	0.0244
ARITH. STD. DEV :	0.184	0.127	0.009	0.035	0.009	0.138	0.0284
GEOM. MEAN :	0.152	0.263	0.018	0.101	0.039	0.144	0.0111
GEOM. STD. DEV. :	2.878	1.731	1.647	2.390	1.262	4.010	5.1170
1ST QUARTILE :	0.020	0.165	0.012	0.017	0.032	0.133	0.0040
2ND QUARTILE :	0.045	0.270	0.020	0.035	0.040	0.276	0.0085
3RD QUARTILE :	0.070	0.360	0.027	0.060	0.047	0.309	0.0220
VOL. WGT. MEAN :	0.052	0.326	0.021	0.034	0.037	0.237	0.0111

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	4.0000	4.0000	3.000	3.0000	4.0000	4.0000	3.000
MAXIMUM :	0.0020	0.0005	0.006	0.0237	0.0030	0.0010	0.033
MINIMUM :	0.0005	0.0005	0.001	0.0043	0.0005	0.0010	0.012
RANGE :	0.0015	0.0000	0.004	0.0194	0.0025	0.0000	0.021
ARITH. MEAN :	0.0012	0.0005	0.003	0.0133	0.0016	0.0010	0.022
ARITH. STD. DEV :	0.0009	0.0000	0.002	0.0098	0.0011	0.0000	0.011
GEOM. MEAN :	0.0010	0.0005	0.002	0.0106	0.0013	0.0010	0.020
GEOM. STD. DEV. :	2.2264	1.0000	2.180	2.3718	2.2005	1.0000	1.665
1ST QUARTILE :	0.0005	0.0005	********	********	0.0007	0.0010	********
2ND QUARTILE :	0.0012	0.0005	********	********	0.0015	0.0010	********
3RD QUARTILE :	0.0020	0.0005	********	********	0.0025	0.0010	********
VOL. WGT. MEAN :	0.0015	0.0005	0.002	0.0119	0.0012	0.0010	0.021

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	3.0000	4.00000	5.0000
MAXIMUM :	0.0024	0.00020	0.0263
MINIMUM :	0.0008	0.00005	0.0066
RANGE :	0.0016	0.00015	0.0197
ARITH. MEAN :	0.0013	0.00009	0.0128
ARITH. STD. DEV :	0.0009	0.00007	0.0086
GEOM. MEAN :	0.0012	0.00007	0.0109
GEOM. STD. DEV. :	1.8960	2.00000	1.8603
1ST QUARTILE :	********	0.00005	0.0068
2ND QUARTILE :	********	0.00005	0.0073
3RD QUARTILE :	********	0.00012	0.0121
VOL. WGT. MEAN :	0.0012	0.00007	0.0126

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	12.00	13.0000	13.00	13.000	11.000
MAXIMUM :	126.0	55.5	4.80	0.1246	5.80	0.810	0.490
MINIMUM :	37.0	12.5	4.11	0.0194	0.65	0.200	0.050
RANGE :	89.0	43.0	0.69	0.1052	5.15	0.610	0.440
ARITH. MEAN :	65.7	27.8	4.42	0.0655	2.53	0.412	0.218
ARITH. STD. DEV :	24.2	14.6	0.20	0.0295	1.65	0.177	0.144
GEOM. MEAN :	62.2	24.6	4.42	0.0593	2.08	0.381	0.168
GEOM. STD. DEV. :	1.4	1.7	1.05	1.6206	1.93	1.486	2.260
1ST QUARTILE :	50.9	16.1	4.24	0.0457	1.30	0.280	0.060
2ND QUARTILE :	56.2	23.0	4.46	0.0545	1.85	0.350	0.205
3RD QUARTILE :	71.4	39.4	4.50	0.0738	2.82	0.430	0.290
VOL. WGT. MEAN :	*******	26.7	*******	0.0637	2.54	0.394	0.229

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	12.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.180	0.950	0.115	0.120	0.125	0.730	0.0200
MINIMUM :	0.060	0.070	0.005	0.000	0.020	0.018	0.0020
RANGE :	0.120	0.880	0.110	0.120	0.105	0.712	0.0180
ARITH. MEAN :	0.106	0.379	0.038	0.045	0.055	0.282	0.0093
ARITH. STD. DEV :	0.035	0.263	0.030	0.034	0.032	0.229	0.0050
GEOM. MEAN :	0.101	0.308	0.029	0.051	0.047	0.200	0.0081
GEOM. STD. DEV. :	1.387	1.992	2.277	2.031	1.781	2.608	1.7811
1ST QUARTILE :	0.075	0.215	0.017	0.022	0.030	0.139	0.0060
2ND QUARTILE :	0.095	0.275	0.035	0.035	0.042	0.171	0.0080
3RD QUARTILE :	0.120	0.415	0.047	0.047	0.065	0.290	0.0100
VOL. MGT. MEAN :	0.102	0.371	0.037	0.043	0.053	0.279	0.0092

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0080	0.0010	0.011	0.1150	0.0110	0.0010	0.114
MINIMUM :	0.0005	0.0005	0.003	0.0092	0.0030	0.0010	0.005
RANGE :	0.0075	0.0005	0.008	0.1058	0.0080	0.0000	0.109
ARITH. MEAN :	0.0031	0.0006	0.005	0.0427	0.0058	0.0010	0.042
ARITH. STD. DEV :	0.0021	0.0002	0.003	0.0319	0.0028	0.0000	0.032
GEOM. MEAN :	0.0023	0.0006	0.004	0.0325	0.0052	0.0010	0.030
GEOM. STD. DEV. :	2.3494	1.2973	1.591	2.2338	1.5552	1.0000	2.590
1ST QUARTILE :	0.0015	0.0005	0.003	0.0168	0.0040	0.0010	0.017
2ND QUARTILE :	0.0030	0.0005	0.004	0.0349	0.0045	0.0010	0.034
3RD QUARTILE :	0.0035	0.0005	0.005	0.0491	0.0060	0.0010	0.056
VOL. WGT. MEAN :	0.0030	0.0006	0.005	0.0434	0.0054	0.0010	0.043

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	12.0000
MAXIMUM :	0.0031	0.00020	0.0776
MINIMUM :	0.0007	0.00005	0.0158
RANGE :	0.0023	0.00015	0.0618
ARITH. MEAN :	0.0016	0.00008	0.0412
ARITH. STD. DEV :	0.0008	0.00006	0.0180
GEOM. MEAN :	0.0015	0.00007	0.0377
GEOM. STD. DEV. :	1.5948	1.70285	1.5710
1ST QUARTILE :	0.0010	0.00005	0.0316
2ND QUARTILE :	0.0014	0.00005	0.0347
3RD QUARTILE :	0.0018	0.00005	0.0569
VOL. WGT. MEAN :	0.0017	0.00008	0.0391

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	12.00	12.0000	12.00	12.000	12.000
MAXIMUM :	136.0	37.0	4.98	0.1110	4.50	0.750	0.470
MINIMUM :	24.8	10.0	4.04	0.0306	0.80	0.090	0.050
RANGE :	111.2	27.0	0.94	0.0804	3.70	0.660	0.420
ARITH. MEAN :	56.8	22.2	4.50	0.0636	2.10	0.324	0.150
ARITH. STD. DEV :	32.2	9.7	0.33	0.0288	1.23	0.214	0.131
GEOM. MEAN :	50.2	20.1	4.49	0.0576	1.79	0.265	0.115
GEOM. STD. DEV. :	1.6	1.6	1.08	1.6033	1.81	1.964	2.042
1ST QUARTILE :	34.3	13.0	4.22	0.0350	1.00	0.145	0.075
2ND QUARTILE :	46.1	22.7	4.48	0.0587	1.85	0.265	0.085
3RD QUARTILE :	61.2	30.9	4.80	0.0851	2.77	0.435	0.195
VOL. WGT. MEAN :	*******	18.7	*******	0.0540	1.73	0.260	0.128

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	12.000	11.000	12.000	12.000	12.0000
MAXIMUM :	0.380	0.940	0.105	0.155	0.240	0.700	0.0940
MINIMUM :	0.000	0.070	0.000	0.002	0.005	0.001	0.0010
RANGE :	0.380	0.870	0.105	0.152	0.235	0.699	0.0930
ARITH. MEAN :	0.114	0.331	0.025	0.042	0.060	0.222	0.0145
ARITH. STD. DEV :	0.096	0.274	0.029	0.042	0.064	0.187	0.0257
GEOM. MEAN :	0.125	0.255	0.028	0.028	0.040	0.122	0.0065
GEOM. STD. DEV. :	1.843	2.098	2.229	2.785	2.696	5.379	3.4430
1ST QUARTILE :	0.065	0.160	0.010	0.020	0.025	0.096	0.0030
2ND QUARTILE :	0.090	0.255	0.015	0.025	0.040	0.189	0.0060
3RD QUARTILE :	0.145	0.320	0.025	0.037	0.072	0.277	0.0140
VOL. WGT. MEAN :	0.137	0.297	0.021	0.037	0.080	0.211	0.0130

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	12.0000	11.0000	12.000	10.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0090	0.0030	0.038	0.1240	0.0100	0.0010	0.117
MINIMUM :	0.0005	0.0005	0.001	0.0112	0.0005	0.0010	0.010
RANGE :	0.0085	0.0025	0.037	0.1128	0.0095	0.0000	0.106
ARITH. MEAN :	0.0023	0.0009	0.010	0.0356	0.0051	0.0010	0.037
ARITH. STD. DEV :	0.0026	0.0007	0.011	0.0330	0.0029	0.0000	0.029
GEOM. MEAN :	0.0016	0.0007	0.007	0.0275	0.0041	0.0010	0.030
GEOM. STD. DEV. :	2.2901	1.7745	2.572	2.0271	2.2797	1.0000	1.905
1ST QUARTILE :	0.0010	0.0005	0.004	0.0149	0.0030	0.0010	0.018
2ND QUARTILE :	0.0010	0.0005	0.007	0.0252	0.0045	0.0010	0.028
3RD QUARTILE :	0.0020	0.0010	0.009	0.0363	0.0075	0.0010	0.040
VOL. WGT. MEAN :	0.0019	0.0007	0.007	0.0321	0.0045	0.0010	0.034

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	11.00000	12.0000
MAXIMUM :	0.0045	0.00030	0.0912
MINIMUM :	0.0008	0.00005	0.0105
RANGE :	0.0038	0.00025	0.0807
ARITH. MEAN :	0.0016	0.00012	0.0407
ARITH. STD. DEV :	0.0011	0.00009	0.0278
GEOM. MEAN :	0.0014	0.00010	0.0318
GEOM. STD. DEV. :	1.6228	2.03428	2.1566
1ST QUARTILE :	0.0010	0.00005	0.0161
2ND QUARTILE :	0.0013	0.00008	0.0327
3RD QUARTILE :	0.0015	0.00020	0.0608
VOL. WGT. MEAN :	0.0014	0.00010	0.0318

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	11.00	11.0000	12.00	12.000	11.000
MAXIMUM :	130.1	61.0	4.90	0.1588	8.80	1.110	1.340
MINIMUM :	19.0	18.8	3.93	0.0320	2.60	0.370	0.380
RANGE :	111.1	42.2	0.97	0.1268	6.20	0.740	0.960
ARITH. MEAN :	60.8	36.2	4.43	0.0730	4.75	0.631	0.789
ARITH. STD. DEV :	40.1	15.4	0.30	0.0397	1.83	0.221	0.328
GEOM. MEAN :	50.3	33.5	4.42	0.0644	4.48	0.599	0.732
GEOM. STD. DEV. :	1.9	1.5	1.07	1.6810	1.42	1.391	1.500
1ST QUARTILE :	30.4	23.2	4.18	0.0400	3.47	0.480	0.535
2ND QUARTILE :	38.0	28.8	4.32	0.0529	4.35	0.550	0.650
3RD QUARTILE :	70.3	48.0	4.64	0.0971	5.30	0.800	1.015
VOL. WGT. MEAN :	*******	35.4	*******	0.0705	4.46	0.568	0.709

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	12.000	12.000	12.000	12.000	12.0000
MAXIMUM :	0.410	1.650	0.365	0.065	0.160	1.340	0.0370
MINIMUM :	0.030	0.380	0.060	0.002	0.010	0.262	0.0070
RANGE :	0.380	1.270	0.305	0.063	0.150	1.078	0.0300
ARITH. MEAN :	0.194	0.786	0.145	0.037	0.068	0.684	0.0141
ARITH. STD. DEV :	0.111	0.382	0.083	0.016	0.050	0.321	0.0081
GEOM. MEAN :	0.161	0.715	0.128	0.030	0.051	0.618	0.0127
GEOM. STD. DEV. :	2.017	1.558	1.645	2.337	2.297	1.618	1.5513
1ST QUARTILE :	0.120	0.560	0.090	0.027	0.030	0.500	0.0095
2ND QUARTILE :	0.165	0.705	0.125	0.040	0.055	0.655	0.0125
3RD QUARTILE :	0.265	0.840	0.175	0.047	0.100	0.765	0.0130
VOL. WGT. MEAN :	0.148	0.713	0.125	0.037	0.056	0.625	0.0135

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0110	0.0030	0.030	0.3600	0.0150	0.0010	0.350
MINIMUM :	0.0030	0.0005	0.004	0.0348	0.0050	0.0010	0.023
RANGE :	0.0080	0.0025	0.025	0.3252	0.0100	0.0000	0.327
ARITH. MEAN :	0.0055	0.0009	0.013	0.1231	0.0095	0.0010	0.093
ARITH. STD. DEV :	0.0024	0.0008	0.009	0.1215	0.0036	0.0000	0.099
GEOM. MEAN :	0.0051	0.0007	0.011	0.0842	0.0089	0.0010	0.065
GEOM. STD. DEV. :	1.4954	1.8773	2.011	2.3669	1.4774	1.0000	2.256
1ST QUARTILE :	0.0040	0.0005	0.005	0.0476	0.0065	0.0010	0.041
2ND QUARTILE :	0.0050	0.0005	0.012	0.0560	0.0090	0.0010	0.055
3RD QUARTILE :	0.0065	0.0007	0.020	0.1930	0.0130	0.0010	0.087
VOL. WGT. MEAN :	0.0056	0.0007	0.010	0.1161	0.0095	0.0010	0.101

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	11.0000
MAXIMUM :	0.0027	0.00200	0.1175
MINIMUM :	0.0007	0.00005	0.0126
RANGE :	0.0019	0.00195	0.1049
ARITH. MEAN :	0.0013	0.00029	0.0459
ARITH. STD. DEV :	0.0006	0.00056	0.0310
GEOM. MEAN :	0.0012	0.00013	0.0374
GEOM. STD. DEV. :	1.5074	2.96757	1.9882
1ST QUARTILE :	0.0009	0.00008	0.0182
2ND QUARTILE :	0.0012	0.00010	0.0403
3RD QUARTILE :	0.0016	0.00010	0.0525
VOL. WGT. MEAN :	0.0013	0.00022	0.0410

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	12.00	12.0000	12.00	12.000	11.000
MAXIMUM :	157.0	59.0	4.55	0.2240	6.50	1.120	0.370
MINIMUM :	14.9	24.0	3.88	0.0502	1.50	0.280	0.070
RANGE :	142.1	35.0	0.67	0.1738	5.00	0.840	0.300
ARITH. MEAN :	71.3	38.6	4.21	0.1058	3.41	0.597	0.228
ARITH. STD. DEV :	42.6	12.1	0.20	0.0510	1.32	0.236	0.100
GEOM. MEAN :	60.1	37.0	4.20	0.0959	3.20	0.555	0.204
GEOM. STD. DEV. :	1.9	1.4	1.05	1.5820	1.45	1.498	1.712
1ST QUARTILE :	39.6	26.1	4.08	0.0726	2.72	0.460	0.125
2ND QUARTILE :	61.9	35.8	4.22	0.0906	3.17	0.575	0.210
3RD QUARTILE :	80.4	43.0	4.28	0.1370	3.75	0.690	0.305
VOL. WGT. MEAN :	*******	36.5	*******	0.0922	3.15	0.524	0.228

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	11.000	12.000	11.000	12.000	12.0000
MAXIMUM :	0.250	1.710	0.070	0.160	0.080	0.730	0.0570
MINIMUM :	0.000	0.190	0.010	0.008	0.005	0.142	0.0005
RANGE :	0.250	1.520	0.060	0.152	0.075	0.588	0.0565
ARITH. MEAN :	0.127	0.531	0.039	0.048	0.045	0.408	0.0118
ARITH. STD. DEV :	0.062	0.405	0.017	0.040	0.025	0.187	0.0147
GEOM. MEAN :	0.156	0.443	0.035	0.037	0.036	0.367	0.0073
GEOM. STD. DEV. :	1.445	1.801	1.676	2.139	2.249	1.653	2.9656
1ST QUARTILE :	0.090	0.280	0.030	0.025	0.022	0.276	0.0055
2ND QUARTILE :	0.135	0.425	0.030	0.040	0.035	0.363	0.0075
3RD QUARTILE :	0.155	0.610	0.047	0.057	0.065	0.585	0.0120
VOL. WGT. MEAN :	0.102	0.508	0.039	0.040	0.036	0.384	0.0115

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	11.000	11.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0050	0.0020	0.015	0.0642	0.0140	0.0010	0.062
MINIMUM :	0.0005	0.0005	0.004	0.0124	0.0005	0.0010	0.020
RANGE :	0.0045	0.0015	0.011	0.0518	0.0135	0.0000	0.042
ARITH. MEAN :	0.0025	0.0007	0.009	0.0409	0.0062	0.0010	0.040
ARITH. STD. DEV :	0.0014	0.0005	0.003	0.0159	0.0032	0.0000	0.013
GEOM. MEAN :	0.0021	0.0006	0.008	0.0373	0.0051	0.0010	0.038
GEOM. STD. DEV. :	2.0013	1.5706	1.442	1.6328	2.2446	1.0000	1.422
1ST QUARTILE :	0.0015	0.0005	0.006	0.0259	0.0045	0.0010	0.028
2ND QUARTILE :	0.0020	0.0005	0.008	0.0408	0.0060	0.0010	0.039
3RD QUARTILE :	0.0040	0.0007	0.010	0.0489	0.0075	0.0010	0.045
VOL. WGT. MEAN :	0.0025	0.0007	0.008	0.0414	0.0050	0.0010	0.043

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	12.0000
MAXIMUM :	0.0047	0.00040	0.1318
MINIMUM :	0.0006	0.00005	0.0282
RANGE :	0.0041	0.00035	0.1036
ARITH. MEAN :	0.0017	0.00012	0.0682
ARITH. STD. DEV :	0.0012	0.00010	0.0303
GEOM. MEAN :	0.0014	0.00009	0.0621
GEOM. STD. DEV. :	1.8518	1.99475	1.5811
1ST QUARTILE :	0.0008	0.00005	0.0520
2ND QUARTILE :	0.0014	0.00010	0.0603
3RD QUARTILE :	0.0021	0.00015	0.0833
VOL. WGT. MEAN :	0.0014	0.00010	0.0580

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	9.0	6.0	6.00	7.0000	8.00	8.000	7.000
MAXIMUM :	105.8	17.8	6.45	0.0468	4.60	0.560	0.750
MINIMUM :	3.5	6.2	4.67	0.0114	0.65	0.160	0.080
RANGE :	102.3	11.6	1.78	0.0354	3.95	0.400	0.670
ARITH. MEAN :	46.1	10.4	5.27	0.0292	1.67	0.279	0.281
ARITH. STD. DEV :	34.6	4.1	0.69	0.0110	1.33	0.125	0.229
GEOM. MEAN :	30.2	9.9	5.23	0.0271	1.33	0.260	0.222
GEOM. STD. DEV. :	3.2	1.4	1.13	1.5620	1.97	1.469	2.057
1ST QUARTILE :	14.5	7.1	4.68	0.0169	0.77	0.200	0.110
2ND QUARTILE :	33.8	9.5	5.07	0.0279	1.10	0.255	0.195
3RD QUARTILE :	67.6	10.8	5.44	0.0339	2.16	0.300	0.305
VOL. WGT. MEAN :	*******	8.4	*******	0.0238	1.01	0.212	0.176

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	8.000	8.000	7.000	8.000	7.000	7.000	8.0000
MAXIMUM :	0.220	1.190	0.100	0.105	0.170	0.710	0.0330
MINIMUM :	0.000	0.100	0.020	0.005	0.005	0.000	0.0000
RANGE :	0.220	1.090	0.080	0.100	0.165	0.710	0.0330
ARITH. MEAN :	0.081	0.428	0.045	0.050	0.066	0.293	0.0151
ARITH. STD. DEV :	0.082	0.350	0.029	0.029	0.063	0.222	0.0112
GEOM. MEAN :	0.085	0.330	0.038	0.039	0.039	0.361	0.0246
GEOM. STD. DEV. :	2.869	2.155	1.817	2.483	3.484	1.632	2.2573
1ST QUARTILE :	0.020	0.212	0.020	0.035	0.010	0.086	0.0068
2ND QUARTILE :	0.053	0.300	0.032	0.050	0.032	0.236	0.0130
3RD QUARTILE :	0.140	0.555	0.055	0.060	0.105	0.348	0.0240
VOL. WGT. MEAN :	0.034	0.341	0.030	0.044	0.031	0.251	0.0133

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1,83 TO JAN 3,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	6.0000	6.0000	6.000	6.0000	6.0000	6.0000	6.000
MAXIMUM :	0.0090	0.0040	0.006	0.1630	0.0090	0.0010	0.065
MINIMUM :	0.0020	0.0005	0.001	0.0244	0.0005	0.0010	0.031
RANGE :	0.0070	0.0035	0.005	0.1386	0.0085	0.0000	0.034
ARITH. MEAN :	0.0038	0.0013	0.003	0.0704	0.0031	0.0010	0.056
ARITH. STD. DEV :	0.0027	0.0014	0.002	0.0480	0.0031	0.0000	0.013
GEOM. MEAN :	0.0032	0.0009	0.002	0.0597	0.0021	0.0010	0.054
GEOM. STD. DEV. :	1.8315	2.5126	1.756	1.8524	2.7140	1.0000	1.328
1ST QUARTILE :	0.0020	0.0005	0.001	0.0361	0.0007	0.0010	0.044
2ND QUARTILE :	0.0030	0.0005	0.003	0.0582	0.0025	0.0010	0.059
3RD QUARTILE :	0.0040	0.0012	0.003	0.0666	0.0030	0.0010	0.062
VOL. WGT. MEAN :	0.0032	0.0012	0.002	0.0695	0.0031	0.0010	0.052

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	6.0000	6.00000	6.0000
MAXIMUM :	0.0021	0.00030	0.0214
MINIMUM :	0.0007	0.00005	0.0004
RANGE :	0.0014	0.00025	0.0210
ARITH. MEAN :	0.0011	0.00010	0.0104
ARITH. STD. DEV :	0.0005	0.00010	0.0091
GEOM. MEAN :	0.0010	0.00008	0.0054
GEOM. STD. DEV. :	1.4752	2.07429	4.8774
1ST QUARTILE :	0.0008	0.00005	0.0012
2ND QUARTILE :	0.0009	0.00005	0.0090
3RD QUARTILE :	0.0010	0.0J008	0.0161
VOL. WGT. MEAN :	0.0009	0.00011	0.0059

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	11.00	12.0000	12.00	12.000	11.000
MAXIMUM :	162.0	39.5	4.63	0.0912	5.20	0.470	0.490
MINIMUM :	28.0	14.8	4.29	0.0288	0.90	0.220	0.050
RANGE :	134.0	24.7	0.34	0.0624	4.30	0.250	0.440
ARITH. MEAN :	73.1	26.1	4.38	0.0653	2.58	0.318	0.172
ARITH. STD. DEV :	38.4	7.2	0.10	0.0191	1.27	0.073	0.124
GEOM. MEAN :	64.8	25.2	4.38	0.0623	2.30	0.311	0.139
GEOM. STD. DEV. :	1.7	1.3	1.02	1.3988	1.68	1.249	1.988
1ST QUARTILE :	40.9	20.4	4.30	0.0545	1.57	0.255	0.060
2ND QUARTILE :	68.1	25.3	4.35	0.0630	2.47	0.315	0.140
3RD QUARTILE :	74.0	31.2	4.43	0.0814	3.42	0.340	0.210
VOL. WGT. MEAN :	*******	26.0	*******	0.0602	2.64	0.301	0.159

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIN MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	11.000	11.000	11.000	11.000	12.000	12.0000
MAXIMUM :	0.240	1.090	0.065	0.075	0.100	0.790	0.1000
MINIMUM :	0.050	0.090	0.002	0.000	0.005	0.084	0.0000
RANGE :	0.190	1.000	0.063	0.075	0.095	0.706	0.1000
ARITH. MEAN :	0.103	0.364	0.024	0.032	0.043	0.233	0.0202
ARITH. STD. DEV :	0.051	0.274	0.019	0.022	0.025	0.196	0.0274
GEOM. MEAN :	0.094	0.298	0.018	0.040	0.035	0.187	0.0182
GEOM. STD. DEV. :	1.505	1.906	2.463	2.131	2.237	1.907	3.2113
1ST QUARTILE :	0.070	0.195	0.010	0.009	0.020	0.113	0.0070
2ND QUARTILE :	0.090	0.270	0.020	0.030	0.042	0.157	0.0110
3RD QUARTILE :	0.105	0.375	0.027	0.045	0.052	0.275	0.0230
VOL. WGT. MEAN :	0.089	0.335	0.023	0.032	0.040	0.207	0.0281

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	10.000	10.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0140	0.0090	0.007	0.1410	0.0160	0.0010	0.176
MINIMUM :	0.0010	0.0005	0.002	0.0139	0.0005	0.0010	0.017
RANGE :	0.0130	0.0085	0.004	0.1271	0.0155	0.0000	0.159
ARITH. MEAN :	0.0037	0.0012	0.004	0.0583	0.0049	0.0010	0.063
ARITH. STD. DEV :	0.0037	0.0025	0.001	0.0431	0.0039	0.0000	0.049
GEOM. MEAN :	0.0027	0.0006	0.004	0.0462	0.0037	0.0010	0.050
GEOM. STD. DEV. :	2.1822	2.3034	1.433	2.0523	2.2934	1.0000	2.024
1ST QUARTILE :	0.0020	0.0005	0.003	0.0261	0.0030	0.0010	0.028
2ND QUARTILE :	0.0020	0.0005	0.004	0.0415	0.0040	0.0010	0.043
3RD QUARTILE :	0.0045	0.0005	0.005	0.0627	0.0055	0.0010	0.084
VOL. WGT. MEAN :	0.0047	0.0020	0.004	0.0584	0.0057	0.0010	0.075

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	11.00000	11.0000
MAXIMUM :	0.0036	0.00020	0.0513
MINIMUM :	0.0008	0.00005	0.0234
RANGE :	0.0028	0.00015	0.0278
ARITH. MEAN :	0.0018	0.00007	0.0423
ARITH. STD. DEV :	0.0011	0.00005	0.0089
GEOM. MEAN :	0.0016	0.00006	0.0413
GEOM. STD. DEV. :	1.8009	1.59571	1.2710
1ST QUARTILE :	0.0008	0.00005	0.0347
2ND QUARTILE :	0.0015	0.00005	0.0412
3RD QUARTILE :	0.0023	0.00008	0.0501
VOL. WGT. MEAN :	0.0017	0.00008	0.0408

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	13.00	13.0000	13.00	13.000	12.000
MAXIMUM :	180.0	67.0	4.85	0.1456	8.40	0.810	0.710
MINIMUM :	30.0	10.7	4.03	0.0338	0.75	0.170	0.010
RANGE :	150.0	56.3	0.82	0.1118	7.65	0.640	0.700
ARITH. MEAN :	85.5	33.9	4.35	0.0791	3.33	0.475	0.278
ARITH. STD. DEV :	49.4	16.0	0.24	0.0307	2.18	0.179	0.208
GEOM. MEAN :	73.7	30.2	4.35	0.0735	2.71	0.438	0.182
GEOM. STD. DEV. :	1.8	1.7	1.06	1.5133	1.99	1.558	3.293
1ST QUARTILE :	56.7	18.9	4.17	0.0574	1.50	0.355	0.120
2ND QUARTILE :	65.4	33.9	4.30	0.0766	2.63	0.465	0.245
3RD QUARTILE :	96.9	40.1	4.36	0.0905	3.90	0.565	0.415
VOL. WGT. MEAN :	*******	30.8	*******	0.0725	2.82	0.431	0.228

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	13.000	12.000	12.000	12.000	12.000	13.0000
MAXIMUM :	0.350	1.090	0.110	0.090	0.215	1.050	0.0190
MINIMUM :	0.000	0.160	0.000	0.002	0.020	0.124	0.0015
RANGE :	0.350	0.930	0.110	0.087	0.195	0.926	0.0175
ARITH. MEAN :	0.146	0.500	0.048	0.042	0.065	0.422	0.0100
ARITH. STD. DEV :	0.084	0.308	0.038	0.026	0.054	0.299	0.0051
GEOM. MEAN :	0.173	0.419	0.051	0.030	0.052	0.338	0.0086
GEOM. STD. DEV. :	1.501	1.875	2.526	2.940	1.989	2.012	1.9291
1ST QUARTILE :	0.105	0.240	0.020	0.027	0.030	0.189	0.0065
2ND QUARTILE :	0.125	0.460	0.037	0.045	0.052	0.366	0.0080
3RD QUARTILE :	0.185	0.505	0.080	0.057	0.075	0.560	0.0120
VOL. WGT. MEAN :	0.126	0.403	0.040	0.035	0.061	0.328	0.0096

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	11.000	11.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0070	0.0020	0.010	0.1250	0.0100	0.0010	0.085
MINIMUM :	0.0005	0.0005	0.003	0.0108	0.0030	0.0010	0.008
RANGE :	0.0065	0.0015	0.007	0.1142	0.0070	0.0000	0.077
ARITH. MEAN :	0.0032	0.0007	0.006	0.0474	0.0055	0.0010	0.044
ARITH. STD. DEV :	0.0024	0.0004	0.003	0.0336	0.0021	0.0000	0.027
GEOM. MEAN :	0.0022	0.0006	0.005	0.0377	0.0052	0.0010	0.035
GEOM. STD. DEV. :	2.7317	1.5386	1.564	2.0649	1.4289	1.0000	2.208
1ST QUARTILE :	0.0012	0.0005	0.003	0.0193	0.0040	0.0010	0.014
2ND QUARTILE :	0.0025	0.0005	0.005	0.0340	0.0050	0.0010	0.039
3RD QUARTILE :	0.0050	0.0005	0.008	0.0666	0.0070	0.0010	0.063
VOL. WGT. MEAN :	0.0026	0.0006	0.005	0.0431	0.0049	0.0010	0.040

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	13.0000
MAXIMUM :	0.0029	0.00020	0.0933
MINIMUM :	0.0007	0.00005	0.0141
RANGE :	0.0022	0.00015	0.0792
ARITH. MEAN :	0.0014	0.00008	0.0503
ARITH. STD. DEV :	0.0008	0.00006	0.0228
GEOM. MEAN :	0.0012	0.00007	0.0445
GEOM. STD. DEV. :	1.7540	1.73836	1.7498
1ST QUARTILE :	0.0008	0.00005	0.0351
2ND QUARTILE :	0.0008	0.00005	0.0490
3RD QUARTILE :	0.0020	0.00010	0.0604
VOL. WGT. MEAN :	0.0013	0.00008	0.0453

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	13.0000	13.00	13.000	12.000
MAXIMUM :	122.0	56.0	4.73	0.1274	6.80	1.210	1.230
MINIMUM :	25.0	24.6	4.01	0.0564	2.55	0.370	0.420
RANGE :	97.0	31.4	0.72	0.0710	4.25	0.840	0.810
ARITH. MEAN :	64.6	37.7	4.34	0.0811	4.65	0.678	0.842
ARITH. STD. DEV :	32.1	10.9	0.19	0.0243	1.32	0.240	0.256
GEOM. MEAN :	57.0	36.3	4.34	0.0780	4.47	0.643	0.804
GEOM. STD. DEV. :	1.7	1.3	1.04	1.3351	1.35	1.398	1.383
1ST QUARTILE :	35.0	27.7	4.19	0.0599	3.75	0.495	0.625
2ND QUARTILE :	55.0	37.0	4.32	0.0679	4.20	0.585	0.825
3RD QUARTILE :	82.5	44.7	4.46	0.0981	5.48	0.730	1.020
VOL. WGT. MEAN :	*******	34.8	*******	0.0757	4.37	0.597	0.807

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	12.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.670	0.860	0.240	0.140	0.350	0.750	0.0450
MINIMUM :	0.040	0.170	0.075	0.020	0.020	0.060	0.0010
RANGE :	0.630	0.690	0.165	0.120	0.330	0.690	0.0440
ARITH. MEAN :	0.287	0.532	0.159	0.052	0.132	0.435	0.0148
ARITH. STD. DEV :	0.172	0.228	0.051	0.032	0.116	0.208	0.0139
GEOM. MEAN :	0.238	0.479	0.150	0.045	0.089	0.370	0.0099
GEOM. STD. DEV. :	2.006	1.654	1.425	1.670	2.632	1.986	2.7343
1ST QUARTILE :	0.190	0.310	0.130	0.032	0.037	0.253	0.0055
2ND QUARTILE :	0.210	0.520	0.147	0.045	0.072	0.435	0.0090
3RD QUARTILE :	0.325	0.640	0.202	0.050	0.192	0.585	0.0155
VOL. WGT. MEAN :	0.246	0.493	0.151	0.056	0.110	0.409	0.0160

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	12.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0110	0.0100	0.040	0.1860	0.0180	0.0010	0.206
MINIMUM :	0.0020	0.0005	0.005	0.0359	0.0040	0.0010	0.046
RANGE :	0.0090	0.0095	0.034	0.1501	0.0140	0.0000	0.160
ARITH. MEAN :	0.0064	0.0015	0.012	0.1021	0.0075	0.0010	0.100
ARITH. STD. DEV :	0.0023	0.0027	0.009	0.0495	0.0037	0.0000	0.044
GEOM. MEAN :	0.0059	0.0008	0.010	0.0901	0.0069	0.0010	0.092
GEOM. STD. DEV. :	1.5280	2.5318	1.736	1.7321	1.5205	1.0000	1.557
1ST QUARTILE :	0.0050	0.0005	0.007	0.0635	0.0050	0.0010	0.060
2ND QUARTILE :	0.0065	0.0005	0.008	0.0938	0.0065	0.0010	0.104
3RD QUARTILE :	0.0075	0.0005	0.010	0.1495	0.0080	0.0010	0.117
VOL. WGT. MEAN :	0.0058	0.0013	0.011	0.0923	0.0064	0.0010	0.097

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0027	0.00040	0.0977
MINIMUM :	0.0006	0.00005	0.0186
RANGE :	0.0021	0.00035	0.0791
ARITH. MEAN :	0.0013	0.00016	0.0496
ARITH. STD. DEV :	0.0006	0.00011	0.0215
GEOM. MEAN :	0.0012	0.00012	0.0455
GEOM. STD. DEV. :	1.5413	2.03949	1.5518
1ST QUARTILE :	0.0009	0.00008	0.0331
2ND QUARTILE :	0.0011	0.00010	0.0437
3RD QUARTILE :	0.0013	0.00020	0.0571
VOL. WGT. MEAN :	0.0012	0.00014	0.0458

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	7.00	12.0000	13.00	12.000	10.000
MAXIMUM :	104.0	35.6	4.93	0.0884	7.80	1.000	1.600
MINIMUM :	17.0	5.5	4.16	0.0138	1.10	0.440	0.410
RANGE :	87.0	30.1	0.77	0.0746	6.70	0.560	1.190
ARITH. MEAN :	62.2	26.3	4.54	0.0437	4.42	0.626	0.948
ARITH. STD. DEV :	27.9	8.5	0.27	0.0241	1.75	0.177	0.338
GEOM. MEAN :	55.5	24.2	4.54	0.0376	4.01	0.605	0.890
GEOM. STD. DEV. :	1.7	1.6	1.06	1.8031	1.65	1.303	1.477
1ST QUARTILE :	42.5	22.6	4.26	0.0234	3.15	0.495	0.630
2ND QUARTILE :	53.5	26.6	4.48	0.0397	4.27	0.570	0.975
3RD QUARTILE :	76.5	30.9	4.69	0.0589	5.20	0.735	1.065
VOL. WGT. MEAN :	*******	26.2	*******	0.0434	4.46	0.587	0.984

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	7.000	13.000	13.000	13.000	12.0000
MAXIMUM :	0.780	1.270	0.490	0.180	0.420	1.100	0.0270
MINIMUM :	0.160	0.300	0.120	0.002	0.020	0.162	0.0060
RANGE :	0.620	0.970	0.370	0.178	0.400	0.938	0.0210
ARITH. MEAN :	0.358	0.642	0.306	0.052	0.145	0.535	0.0134
ARITH. STD. DEV :	0.223	0.284	0.117	0.042	0.135	0.283	0.0062
GEOM. MEAN :	0.307	0.589	0.284	0.039	0.102	0.466	0.0122
GEOM. STD. DEV. :	1.734	1.551	1.565	2.641	2.406	1.756	1.5934
1ST QUARTILE :	0.200	0.435	0.185	0.032	0.062	0.332	0.0085
2ND QUARTILE :	0.265	0.625	0.272	0.045	0.095	0.445	0.0120
3RD QUARTILE :	0.330	0.790	0.370	0.052	0.108	0.625	0.0180
VOL. WGT. MEAN :	0.345	0.629	0.297	0.058	0.140	0.567	0.0132

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	11.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0180	0.0010	0.017	0.2230	0.0150	0.0010	0.175
MINIMUM :	0.0030	0.0005	0.005	.0227	0.0030	0.0010	0.008
RANGE :	0.0150	0.0005	0.012	0.2003	0.0120	0.0000	0.167
ARITH. MEAN :	0.0076	0.0005	0.011	0.0744	0.0082	0.0010	0.059
ARITH. STD. DEV :	0.0051	0.0001	0.005	0.0582	0.0040	0.0000	0.054
GEOM. MEAN :	0.0065	0.0005	0.010	0.0595	0.0072	0.0010	0.043
GEOM. STD. DEV. :	1.7275	1.2215	1.578	1.9697	1.7375	1.0000	2.322
1ST QUARTILE :	0.0045	0.0005	0.007	0.0327	0.0050	0.0010	0.029
2ND QUARTILE :	0.0060	0.0005	0.009	0.0572	0.0080	0.0010	0.034
3RD QUARTILE :	0.0075	0.0005	0.015	0.0902	0.0110	0.0010	0.056
VOL. WGT. MEAN :	0.0069	0.0005	0.010	0.0674	0.0076	0.0010	0.055

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	7.0000
MAXIMUM :	0.0088	0.00020	0.0692
MINIMUM :	0.0008	0.00005	0.0117
RANGE :	0.0080	0.00015	0.0574
ARITH. MEAN :	0.0018	0.00008	0.0334
ARITH. STD. DEV :	0.0022	0.00006	0.0197
GEOM. MEAN :	0.0013	0.00007	0.0287
GEOM. STD. DEV. :	1.9495	1.73836	1.8418
1ST QUARTILE :	0.0008	0.00005	0.0140
2ND QUARTILE :	0.0012	0.00005	0.0257
3RD QUARTILE :	0.0016	0.00010	0.0427
VOL WGT. MEAN :	0.0021	0.00007	0.0344

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERICD OF REPORT : JAN 6,83 TO JAN 4,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	12.00	12.0000	12.00	13.000	11.000
MAXIMUM :	160.0	33.6	5.25	0.1006	3.30	0.650	0.290
MINIMUM :	1.7	6.6	4.20	0.0272	0.65	0.070	0.090
RANGE :	158.3	27.0	1.05	0.0734	2.65	0.580	0.200
ARITH. MEAN :	60.1	17.6	4.57	0.0575	1.89	0.275	0.180
ARITH. STD. DEV :	38.6	7.6	0.33	0.0267	0.77	0.163	0.056
GEOM. MEAN :	43.9	16.1	4.56	0.0521	1.72	0.237	0.172
GEOM. STD. DEV. :	3.0	1.6	1.07	1.5953	1.60	1.781	1.398
1ST QUARTILE :	39.6	11.6	4.27	0.0355	1.47	0.185	0.120
2ND QUARTILE :	49.5	15.3	4.54	0.0492	1.88	0.215	0.180
3RD QUARTILE :	70.7	20.9	4.77	0.0836	2.40	0.265	0.210
VOL. WGT. MEAN :	*******	16.0	*******	0.0577	1.76	0.218	0.178

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	12.000	11.000	11.000	12.000	12.0000
MAXIMUM :	0.270	0.850	0.095	0.130	0.140	0.530	0.0170
MINIMUM :	0.000	0.060	0.015	0.002	0.010	0.034	0.0005
RANGE :	0.270	0.790	0.080	0.127	0.130	0.496	0.0165
ARITH. MEAN :	0.125	0.275	0.038	0.042	0.057	0.213	0.0067
ARITH. STD. DEV :	0.092	0.208	0.025	0.034	0.044	0.144	0.0049
GEOM. MEAN :	0.124	0.222	0.032	0.030	0.043	0.168	0.0046
GEOM. STD. DEV. :	2.269	1.980	1.777	2.835	2.317	2.152	2.9065
1ST QUARTILE :	0.045	0.150	0.022	0.015	0.020	0.130	0.0032
2ND QUARTILE :	0.090	0.225	0.030	0.027	0.037	0.185	0.0060
3RD QUARTILE :	0.190	0.350	0.042	0.050	0.082	0.252	0.0090
VOL. WGT. MEAN :	0.099	0.213	0.033	0.035	0.058	0.175	0.0063

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6,83 TO JAN 4,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	12.000	12.0000	13.0000	13.0000	12.000
MAXIMUM :	0.0070	0.0020	0.014	0.0728	0.0110	0.0010	0.121
MINIMUM :	0.0010	0.0005	0.001	0.0124	0.0005	0.0010	0.016
RANGE :	0.0060	0.0015	0.013	0.0604	0.0105	0.0000	0.105
ARITH. MEAN :	0.0024	0.0009	0.005	0.0301	0.0041	0.0010	0.037
ARITH. STD. DEV :	0.0015	0.0007	0.004	0.0157	0.0034	0.0000	0.028
GEOM. MEAN :	0.0021	0.0007	0.004	0.0273	0.0028	0.0010	0.032
GEOM. STD. DEV. :	1.6243	1.8366	2.161	1.5782	2.7096	1.0000	1.678
1ST QUARTILE :	0.0020	0.0005	0.002	0.0214	0.0015	0.0010	0.022
2ND QUARTILE :	0.0020	0.0005	0.004	0.0272	0.0030	0.0010	0.030
3RD QUARTILE :	0.0020	0.0007	0.008	0.0313	0.0045	0.0010	0.038
VOL. WGT. MEAN :	0.0020	0.0007	0.004	0.0275	0.0044	0.0010	0.029

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	13.00000	12.0000
MAXIMUM :	0.0037	0.00070	0.0631
MINIMUM :	0.0008	0.00005	0.0056
RANGE :	0.0030	0.00065	0.0575
ARITH. MEAN :	0.0020	0.00015	0.0334
ARITH. STD. DEV :	0.0012	0.00018	0.0206
GEOM. MEAN :	0.0017	0.00010	0.0268
GEOM. STD. DEV. :	1.8066	2.38547	2.1253
1ST QUARTILE :	0.0010	0.00005	0.0170
2ND QUARTILE :	0.0015	0.00005	0.0290
3RD QUARTILE :	0.0034	0.00020	0.0541
VOL. WGT. MEAN :	0.0016	0.00011	0.0243

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4,83 TO JUL 19,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	7.0	6.0	6.00	6.0000	7.00	7.000	6.000
MAXIMUM :	73.5	53.5	6.12	0.1154	5.70	0.690	0.440
MINIMUM :	18.6	5.6	4.37	0.0178	0.75	0.060	0.070
RANGE :	54.9	47.8	1.75	0.0976	4.95	0.630	0.370
ARITH. MEAN :	34.0	18.8	5.07	0.0538	1.93	0.285	0.223
ARITH. STD. DEV :	19.3	17.5	0.63	0.0367	1.74	0.199	0.154
GEOM. MEAN :	30.4	14.3	5.03	0.0441	1.52	0.229	0.179
GEOM. STD. DEV. :	1.6	2.2	1.13	2.0082	1.98	2.128	2.110
1ST QUARTILE :	20.3	6.8	4.47	0.0213	0.88	0.100	0.080
2ND QUARTILE :	23.4	14.4	4.99	0.0440	1.10	0.257	0.180
3RD QUARTILE :	38.4	15.9	5.26	0.0636	1.94	0.295	0.295
VOL. MGT. MEAN :	*******	20.6	*******	0.0539	2.15	0.307	0.226

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4,83 TO JUL 19,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	7.000	7.000	6.000	7.000	6.000	7.000	7.0000
MAXIMUM :	0.245	0.810	0.085	0.059	0.180	0.590	0.0210
MINIMUM :	0.040	0.120	0.002	0.002	0.020	0.002	0.0010
RANGE :	0.205	0.690	0.082	0.056	0.160	0.588	0.0200
ARITH. MEAN :	0.148	0.339	0.031	0.026	0.087	0.201	0.0120
ARITH. STD. DEV :	0.075	0.231	0.029	0.019	0.067	0.213	0.0070
GEOM. MEAN :	0.128	0.286	0.019	0.019	0.062	0.079	0.0089
GEOM. STD. DEV. :	1.886	1.862	3.396	2.789	2.606	7.115	2.8526
1ST QUARTILE :	0.065	0.155	0.006	0.009	0.020	0.012	0.0035
2ND QUARTILE :	0.120	0.240	0.025	0.017	0.072	0.098	0.0115
3RD QUARTILE :	0.210	0.387	0.032	0.035	0.115	0.300	0.0164
VOL. WGT. MEAN :	0.134	0.389	0.029	0.026	0.075	0.263	0.0103

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4,83 TO JUL 19,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	6.0000	6.0000	6.000	6.0000	6.0000	6.0000	6.000
MAXIMUM :	0.0040	0.0010	0.009	0.0999	0.0090	0.0010	0.133
MINIMUM :	0.0005	0.0005	0.002	0.0220	0.0020	0.0010	0.023
RANGE :	0.0035	0.0005	0.008	0.0779	0.0070	0.0000	0.110
ARITH. MEAN :	0.0021	0.0006	0.004	0.0555	0.0042	0.0010	0.053
ARITH. STD. DEV :	0.0016	0.0002	0.003	0.0288	0.0026	0.0000	0.042
GEOM. MEAN :	0.0016	0.0006	0.004	0.0493	0.0037	0.0010	0.043
GEOM. STD. DEV. :	2.3151	1.3271	1.877	1.7317	1.6945	1.0000	1.938
1ST QUARTILE :	0.0007	0.0005	0.002	0.0280	0.0025	0.0010	0.024
2ND QUARTILE :	0.0015	0.0005	0.004	0.0495	0.0030	0.0010	0.037
3RD QUARTILE :	0.0030	0.0005	0.005	0.0652	0.0040	0.0010	0.052
VOL. WGT. MEAN :	0.0027	0.0006	0.004	0.0579	0.0043	0.0010	0.056

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4,83 TO JUL 19,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	6.0000	6.00000	6.0000
MAXIMUM :	0.0019	0.00030	0.0427
MINIMUM :	0.0008	0.00005	0.0008
RANGE :	0.0011	0.00025	0.0419
ARITH. MEAN :	0.0014	0.00012	0.0162
ARITH. STD. DEV :	0.0004	0.00011	0.0161
GEOM. MEAN :	0.0014	0.00008	0.0086
GEOM. STD. DEV. :	1.3979	2.29453	4.2936
1ST QUARTILE :	0.0010	0.00005	0.0026
2ND QUARTILE :	0.0016	0.00005	0.0109
3RD QUARTILE :	0.0018	0.00012	0.0212
VOL. WGT. MEAN :	0.0013	0.00012	0.0157

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	9.0	10.00	11.0000	11.00	11.000	10.000
MAXIMUM :	120.0	46.0	4.96	0.0894	6.85	0.920	1.130
MINIMUM :	25.0	18.6	4.27	0.0248	1.75	0.330	0.200
RANGE :	95.0	27.4	0.69	0.0646	5.10	0.590	0.930
ARITH. MEAN :	53.5	27.1	4.57	0.0545	3.47	0.575	0.614
ARITH. STD. DEV :	28.9	9.1	0.21	0.0183	1.34	0.192	0.310
GEOM. MEAN :	47.2	26.0	4.56	0.0516	3.26	0.548	0.537
GEOM. STD. DEV. :	1.7	1.4	1.05	1.4225	1.45	1.385	1.776
1ST QUARTILE :	27.5	20.4	4.36	0.0415	2.43	0.425	0.300
2ND QUARTILE :	43.0	23.8	4.59	0.0478	3.25	0.485	0.560
3RD QUARTILE :	68.5	27.3	4.64	0.0640	3.77	0.755	0.865
VOL. WGT. MEAN :	*******	26.2	*******	0.0520	3.34	0.519	0.552

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	11.000	10.000	10.000	10.000	11.000	11.0000
MAXIMUM :	0.350	1.370	0.315	0.150	0.215	1.120	0.0650
MINIMUM :	0.000	0.340	0.065	0.005	0.020	0.250	0.0020
RANGE :	0.350	1.030	0.250	0.145	0.195	0.870	0.0630
ARITH. MEAN :	0.197	0.744	0.177	0.057	0.115	0.623	0.0222
ARITH. STD. DEV :	0.115	0.310	0.102	0.046	0.067	0.283	0.0220
GEOM. MEAN :	0.225	0.688	0.151	0.041	0.093	0.565	0.0142
GEOM. STD. DEV. :	1.698	1.517	1.825	2.596	2.118	1.603	2.7832
1ST QUARTILE :	0.095	0.475	0.090	0.027	0.052	0.375	0.0075
2ND QUARTILE :	0.170	0.660	0.147	0.037	0.110	0.535	0.0110
3RD QUARTILE :	0.295	0.930	0.255	0.067	0.162	0.740	0.0280
VOL. WGT. MEAN :	0.154	0.704	0.148	0.052	0.094	0.574	0.0208

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP #08

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	10.0000	10.000	10.0000	10.0000	10.0000	10.000
MAXIMUM :	0.0100	0.0020	0.020	0.1850	0.0130	0.0010	0.199
MINIMUM :	0.0020	0.0005	0.004	0.0247	0.0020	0.0010	0.028
RANGE :	0.0080	0.0015	0.016	0.1603	0.0110	0.0000	0.170
ARITH. MEAN :	0.0046	0.0007	0.010	0.0716	0.0060	0.0010	0.072
ARITH. STD. DEV :	0.0025	0.0005	0.005	0.0493	0.0031	0.0000	0.049
GEOM. MEAN :	0.0041	0.0007	0.009	0.0587	0.0054	0.0010	0.062
GEOM. STD. DEV. :	1.6924	1.6236	1.703	1.9371	1.6570	1.0000	1.781
1ST QUARTILE :	0.0025	0.0005	0.006	0.0296	0.0040	0.0010	0.034
2ND QUARTILE :	0.0040	0.0005	0.010	0.0559	0.0050	0.0010	0.058
3RD QUARTILE :	0.0055	0.0007	0.013	0.0914	0.0065	0.0010	0.084
VOL. WGT. MEAN :	0.0044	0.0007	0.009	0.0687	0.0051	0.0010	0.070

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	10.00000	10.0000
MAXIMUM :	0.0027	0.00080	0.0537
MINIMUM :	0.0008	0.00005	0.0110
RANGE :	0.0019	0.00075	0.0427
ARITH. MEAN :	0.0015	0.00024	0.0299
ARITH. STD. DEV :	0.0007	0.00026	0.0138
GEOM. MEAN :	0.0013	0.00014	0.0271
GEOM. STD. DEV. :	1.5639	2.92081	1.6178
1ST QUARTILE :	0.0009	0.00005	0.0199
2ND QUARTILE :	0.0012	0.00015	0.0260
3RD QUARTILE :	0.0018	0.00025	0.0343
VOL. WGT. MEAN :	0.0013	0.00021	0.0275

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	10.0	9.0	7.00	9.0000	10.00	10.000	7.000
MAXIMUM :	160.0	28.6	5.56	0.0656	3.35	0.480	0.270
MINIMUM :	8.4	4.1	4.36	0.0084	0.25	0.020	0.040
RANGE :	151.6	24.5	1.20	0.0572	3.10	0.460	0.230
ARITH. MEAN :	40.7	12.5	5.03	0.0306	1.48	0.226	0.153
ARITH. STD. DEV :	45.4	8.3	0.44	0.0203	1.12	0.159	0.081
GEOM. MEAN :	27.4	10.3	5.02	0.0255	1.09	0.161	0.129
GEOM. STD. DEV. :	2.4	1.9	1.10	1.9087	2.41	2.713	2.013
1ST QUARTILE :	11.9	5.8	4.41	0.0178	0.52	0.080	0.050
2ND QUARTILE :	25.8	8.3	5.16	0.0218	1.18	0.190	0.150
3RD QUARTILE :	39.5	15.0	5.26	0.0295	2.10	0.335	0.200
VOL. WGT. MEAN :	*******	10.2	*******	0.0272	1.12	0.174	0.140

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	10.000	10.000	7.000	7.000	6.000	10.000	10.0000
MAXIMUM :	0.490	1.170	0.165	0.180	0.100	0.460	0.0700
MINIMUM :	0.030	0.050	0.010	0.000	0.015	0.000	0.0060
RANGE :	0.460	1.120	0.155	0.180	0.085	0.460	0.0640
ARITH. MEAN :	0.164	0.431	0.042	0.058	0.061	0.173	0.0280
ARITH. STD. DEV :	0.152	0.313	0.055	0.063	0.036	0.140	0.0236
GEOM. MEAN :	0.109	0.330	0.026	0.061	0.049	0.167	0.0206
GEOM. STD. DEV. :	2.702	2.341	2.522	4.167	2.168	2.861	2.3049
1ST QUARTILE :	0.035	0.215	0.012	0.001	0.020	0.048	0.0110
2ND QUARTILE :	0.120	0.375	0.020	0.035	0.065	0.158	0.0170
3RD QUARTILE :	0.200	0.530	0.032	0.077	0.085	0.182	0.0315
VOL. WGT. MEAN :	0.096	0.320	0.028	0.048	0.046	0.166	0.0205

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	9.0000	10.0000	9.000	7.0000	10.0000	10.0000	7.000
MAXIMUM :	0.0120	0.0030	0.025	0.1510	0.0080	0.0010	0.116
MINIMUM :	0.0020	0.0005	0.001	0.0160	0.0005	0.0010	0.017
RANGE :	0.0100	0.0025	0.023	0.1350	0.0075	0.0000	0.098
ARITH. MEAN :	0.0039	0.0013	0.008	0.0659	0.0028	0.0010	0.056
ARITH. STD. DEV :	0.0033	0.0011	0.008	0.0533	0.0025	0.0000	0.040
GEOM. MEAN :	0.0031	0.0010	0.005	0.0463	0.0019	0.0010	0.044
GEOM. STD. DEV. :	1.8997	2.2280	2.768	2.6034	2.8658	1.0000	2.154
1ST QUARTILE :	0.0020	0.0005	0.003	0.0166	0.0005	0.0010	0.018
2ND QUARTILE :	0.0020	0.0007	0.004	0.0398	0.0030	0.0010	0.038
3RD QUARTILE :	0.0035	0.0020	0.009	0.0987	0.0030	0.0010	0.083
VOL. WGT. MEAN :	0.0029	0.0009	0.004	0.0321	0.0021	0.0010	0.030

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	10.00000	7.0000
MAXIMUM :	0.0073	0.00040	0.0437
MINIMUM :	0.0007	0.00005	0.0028
RANGE :	0.0066	0.00035	0.0409
ARITH. MEAN :	0.0029	0.00016	0.0150
ARITH. STD. DEV :	0.0022	0.00013	0.0165
GEOM. MEAN :	0.0023	0.00012	0.0093
GEOM. STD. DEV. :	2.2381	2.34106	2.7839
1ST QUARTILE :	0.0011	0.00005	0.0041
2ND QUARTILE :	0.0019	0.00010	0.0060
3RD QUARTILE :	0.0038	0.00025	0.0207
VOL. WGT. MEAN :	0.0019	0.00011	0.0116

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	11.00	13.0000	13.00	12.000	13.000
MAXIMUM :	213.0	65.0	4.92	0.1538	6.70	1.220	1.200
MINIMUM :	27.0	10.5	3.92	0.0194	1.10	0.190	0.230
RANGE :	186.0	54.5	1.00	0.1344	5.60	1.030	0.970
ARITH. MEAN :	72.6	39.2	4.23	0.0901	4.57	0.669	0.700
ARITH. STD. DEV :	52.0	17.6	0.28	0.0448	1.59	0.276	0.318
GEOM. MEAN :	59.9	34.2	4.22	0.0750	4.20	0.612	0.629
GEOM. STD. DEV. :	1.9	1.8	1.06	2.0464	1.62	1.604	1.651
1ST QUARTILE :	33.5	26.6	4.05	0.0474	3.60	0.525	0.440
2ND QUARTILE :	58.5	44.8	4.13	0.0963	4.45	0.650	0.625
3RD QUARTILE :	81.5	52.0	4.28	0.1200	5.70	0.720	0.910
VOL. WGT. MEAN :	*******	36.2	*******	0.0844	4.28	0.571	0.615

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.560	1.680	0.250	0.225	0.270	0.860	0.1060
MINIMUM :	0.050	0.190	0.045	0.008	0.015	0.000	0.0010
RANGE :	0.510	1.490	0.205	0.217	0.255	0.860	0.1050
ARITH. MEAN :	0.278	0.678	0.135	0.071	0.110	0.507	0.0308
ARITH. STD. DEV :	0.170	0.383	0.073	0.059	0.104	0.258	0.0358
GEOM. MEAN :	0.228	0.590	0.116	0.053	0.068	0.513	0.0162
GEOM. STD. DEV. :	2.001	1.743	1.799	2.297	2.907	1.796	3.5835
1ST QUARTILE :	0.155	0.390	0.065	0.037	0.030	0.332	0.0110
2ND QUARTILE :	0.180	0.575	0.105	0.052	0.047	0.560	0.0120
3RD QUARTILE :	0.430	0.780	0.183	0.062	0.173	0.663	0.0215
VOL. WGT. MEAN :	0.238	0.607	0.118	0.062	0.086	0.453	0.0293

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	13.000	12.0000	13.0000	13.0000	12.000
MAXIMUM :	0.0130	0.0020	0.021	0.1440	0.0190	0.0010	0.160
MINIMUM :	0.0020	0.0005	0.004	0.0384	0.0040	0.0010	0.033
RANGE :	0.0110	0.0015	0.017	0.1056	0.0150	0.0000	0.127
ARITH. MEAN :	0.0059	0.0007	0.009	0.0788	0.0082	0.0010	0.082
ARITH. STD. DEV :	0.0028	0.0006	0.005	0.0396	0.0047	0.0000	0.037
GEOM. MEAN :	0.0054	0.0006	0.008	0.0705	0.0072	0.0010	0.074
GEOM. STD. DEV. :	1.5878	1.7153	1.600	1.6300	1.6582	1.0000	1.602
1ST QUARTILE :	0.0040	0.0005	0.005	0.0467	0.0050	0.0010	0.050
2ND QUARTILE :	0.0055	0.0005	0.007	0.0645	0.0065	0.0010	0.082
3RD QUARTILE :	0.0070	0.0005	0.011	0.1170	0.0080	0.0010	0.104
VOL. MGT. MEAN :	0.0052	0.0007	0.007	0.0672	0.0068	0.0010	0.077

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	11.0000
MAXIMUM :	0.0020	0.00030	0.1202
MINIMUM :	0.0007	0.00005	0.0120
RANGE :	0.0014	0.00025	0.1082
ARITH. MEAN :	0.0013	0.00012	0.0672
ARITH. STD. DEV :	0.0004	0.00009	0.0300
GEOM. MEAN :	0.0012	0.00010	0.0585
GEOM. STD. DEV. :	1.4297	2.05577	1.8884
1ST QUARTILE :	0.0009	0.00005	0.0380
2ND QUARTILE :	0.0011	0.00008	0.0661
3RD QUARTILE :	0.0015	0.00015	0.0823
VOL. WGT. MEAN :	0.0011	0.00012	0.0590

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	12.0	10.0	11.00	11.0000	11.00	11.000	10.000
MAXIMUM :	136.6	17.5	6.48	0.0694	4.35	0.740	0.508
MINIMUM :	17.9	6.2	4.43	0.0120	0.50	0.120	0.050
RANGE :	118.7	11.3	2.05	0.0574	3.85	0.620	0.458
ARITH. MEAN :	66.2	12.0	4.97	0.0384	1.50	0.283	0.187
ARITH. STD. DEV :	45.2	4.5	0.56	0.0167	1.11	0.181	0.140
GEOM. MEAN :	52.2	11.2	4.95	0.0349	1.23	0.244	0.147
GEOM. STD. DEV. :	2.1	1.5	1.11	1.6242	1.90	1.727	2.079
1ST QUARTILE :	30.0	7.0	4.55	0.0264	0.60	0.155	0.070
2ND QUARTILE :	42.5	12.4	4.84	0.0325	1.22	0.200	0.150
3RD QUARTILE :	106.4	16.1	5.11	0.0519	1.52	0.355	0.225
VOL. WGT. MEAN :	*******	10.6	*******	0.0314	1.27	0.222	0.186

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	11.000	11.000	11.000	10.000	10.000	10.0000
MAXIMUM :	0.310	0.980	0.085	0.105	0.190	0.740	0.0390
MINIMUM :	0.000	0.090	0.000	0.000	0.020	0.001	0.0005
RANGE :	0.310	0.890	0.085	0.105	0.170	0.739	0.0385
ARITH. MEAN :	0.090	0.395	0.032	0.041	0.061	0.266	0.0106
ARITH. STD. DEV :	0.096	0.284	0.028	0.037	0.048	0.219	0.0114
GEOM. MEAN :	0.088	0.319	0.037	0.039	0.050	0.093	0.0059
GEOM. STD. DEV. :	2.373	1.987	2.260	3.219	1.848	11.496	3.6782
1ST QUARTILE :	0.025	0.185	0.010	0.006	0.030	0.051	0.0025
2ND QUARTILE :	0.052	0.300	0.020	0.030	0.050	0.265	0.0070
3RD QUARTILE :	0.100	0.420	0.047	0.060	0.062	0.304	0.0110
VOL. WGT. MEAN :	0.056	0.323	0.030	0.050	0.047	0.248	0.0070

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	10.0000	11.0000	11.0000	10.000
MAXIMUM :	0.0150	0.0020	0.013	0.1440	0.0060	0.0010	0.118
MINIMUM :	0.0005	0.0005	0.001	0.0080	0.0005	0.0010	0.015
RANGE :	0.0145	0.0015	0.012	0.1360	0.0055	0.0000	0.103
ARITH. MEAN :	0.0040	0.0007	0.004	0.0407	0.0026	0.0010	0.042
ARITH. STD. DEV :	0.0044	0.0005	0.003	0.0425	0.0018	0.0000	0.035
GEOM. MEAN :	0.0023	0.0006	0.003	0.0264	0.0020	0.0010	0.032
GEOM. STD. DEV. :	3.0831	1.5655	1.888	2.6352	2.1757	1.0000	2.098
1ST QUARTILE :	0.0007	0.0005	0.002	0.0106	0.0010	0.0010	0.017
2ND QUARTILE :	0.0020	0.0005	0.003	0.0232	0.0022	0.0010	0.023
3RD QUARTILE :	0.0050	0.0005	0.004	0.0507	0.0032	0.0010	0.050
VOL. WGT. MEAN :	0.0034	0.0007	0.003	0.0332	0.0020	0.0010	0.038

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	11.0000
MAXIMUM :	0.0045	0.00020	0.0372
MINIMUM :	0.0006	0.00005	0.0003
RANGE :	0.0039	0.00015	0.0368
ARITH. MEAN :	0.0015	0.00006	0.0162
ARITH. STD. DEV :	0.0011	0.00005	0.0112
GEOM. MEAN :	0.0012	0.00006	0.0107
GEOM. STD. DEV. :	1.8472	1.51890	3.6201
1ST QUARTILE :	0.0007	0.00005	0.0072
2ND QUARTILE :	0.0010	0.00005	0.0126
3RD QUARTILE :	0.0017	0.00005	0.0239
VOL. WGT. MEAN :	0.0011	0.00006	0.0118

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1,83 TO JUL 24,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	6.0	6.0	6.00	6.0000	6.00	6.000	6.000
MAXIMUM :	101.0	33.0	4.57	0.0922	3.20	0.640	0.220
MINIMUM :	31.7	18.2	4.12	0.0494	1.40	0.220	0.070
RANGE :	69.3	14.8	0.45	0.0428	1.80	0.420	0.150
ARITH. MEAN :	63.4	25.4	4.38	0.0686	2.27	0.317	0.125
ARITH. STD. DEV :	27.7	5.4	0.17	0.0161	0.63	0.160	0.055
GEOM. MEAN :	58.2	24.9	4.37	0.0670	2.19	0.293	0.116
GEOM. STD. DEV. :	1.6	1.2	1.04	1.2731	1.34	1.486	1.527
1ST QUARTILE :	35.8	19.6	4.20	0.0503	1.63	0.225	0.075
2ND QUARTILE :	59.3	25.3	4.38	0.0717	2.25	0.260	0.120
3RD QUARTILE :	78.8	27.5	4.47	0.0746	2.52	0.280	0.140
VOL. WGT. MEAN :	*******	25.1	*******	0.0671	2.36	0.286	0.131

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1,83 TO JUL 24,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	6.000	6.000	6.000	6.000	6.000	6.000	6.0000
MAXIMUM :	0.120	0.560	0.035	0.135	0.070	0.450	0.0170
MINIMUM :	0.050	0.180	0.010	0.015	0.015	0.062	0.0010
RANGE :	0.070	0.380	0.025	0.120	0.055	0.388	0.0160
ARITH. MEAN :	0.088	0.307	0.026	0.044	0.046	0.224	0.0081
ARITH. STD. DEV :	0.029	0.137	0.010	0.045	0.025	0.140	0.0063
GEOM. MEAN :	0.084	0.286	0.024	0.033	0.039	0.184	0.0052
GEOM. STD. DEV. :	1.437	1.491	1.611	2.136	1.919	2.090	3.2505
1ST QUARTILE :	0.055	0.200	0.015	0.017	0.020	0.078	0.0012
2ND QUARTILE :	0.095	0.270	0.027	0.030	0.047	0.237	0.0085
3RD QUARTILE :	0.110	0.320	0.032	0.032	0.067	0.265	0.0115
VOL. WGT. MEAN :	0.084	0.298	0.028	0.043	0.042	0.222	0.0073

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1,83 TO JUL 24,83

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	6.0000	6.0000	6.000	5.0000	6.0000	6.0000	6.000
MAXIMUM :	0.0040	0.0005	0.012	0.0558	0.0050	0.0010	0.063
MINIMUM :	0.0010	0.0005	0.003	0.0156	0.0005	0.0010	0.015
RANGE :	0.0030	0.0000	0.010	0.0402	0.0045	0.0000	0.048
ARITH. MEAN :	0.0017	0.0005	0.007	0.0294	0.0032	0.0010	0.031
ARITH. STD. DEV :	0.0012	0.0000	0.004	0.0163	0.0021	0.0000	0.017
GEOM. MEAN :	0.0014	0.0005	0.006	0.0263	0.0022	0.0010	0.027
GEOM. STD. DEV. :	1.7859	1.0000	1.792	1.6600	3.1137	1.0000	1.674
1ST QUARTILE :	0.0010	0.0005	0.003	0.0175	0.0005	0.0010	0.016
2ND QUARTILE :	0.0010	0.0005	0.006	0.0208	0.0040	0.0010	0.028
3RD QUARTILE :	0.0015	0.0005	0.009	0.0281	0.0045	0.0010	0.032
VOL. MGT. MEAN :	0.0016	0.0005	0.007	0.0257	0.0029	0.0010	0.027

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1,83 TO JUL 24,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	6.0000	6.00000	6.0000
MAXIMUM :	0.0027	0.00020	0.0759
MINIMUM :	0.0007	0.00005	0.0269
RANGE :	0.0020	0.00015	0.0489
ARITH. MEAN :	0.0017	0.00009	0.0447
ARITH. STD. DEV :	0.0008	0.00006	0.0179
GEOM. MEAN :	0.0015	0.00008	0.0420
GEOM. STD. DEV. :	1.7769	1.76112	1.4634
1ST QUARTILE :	0.0007	0.00005	0.0282
2ND QUARTILE :	0.0017	0.00008	0.0423
3RD QUARTILE :	0.0021	0.00010	0.0485
VOL. WGT. MEAN :	0.0015	0.00010	0.0423

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	149.0	67.0	4.72	0.2040	6.20	1.220	0.710
MINIMUM :	23.0	20.5	3.84	0.0412	1.40	0.280	0.110
RANGE :	126.0	46.5	0.88	0.1628	4.80	0.940	0.600
ARITH. MEAN :	75.5	37.4	4.29	0.0982	3.58	0.628	0.342
ARITH. STD. DEV :	34.9	14.4	0.22	0.0480	1.53	0.256	0.182
GEOM. MEAN :	67.9	35.1	4.29	0.0884	3.27	0.580	0.297
GEOM. STD. DEV. :	1.6	1.5	1.05	1.6130	1.58	1.525	1.754
1ST QUARTILE :	53.5	28.0	4.12	0.0633	2.17	0.420	0.205
2ND QUARTILE :	68.0	33.1	4.31	0.0810	3.25	0.590	0.280
3RD QUARTILE :	82.5	48.3	4.38	0.1140	4.43	0.725	0.425
VOL. MGT. MEAN :	********	34.8	********	0.0905	3.32	0.563	0.348

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.300	0.860	0.130	0.075	0.110	0.800	0.0500
MINIMUM :	0.000	0.220	0.025	0.002	0.015	0.160	0.0020
RANGE :	0.300	0.640	0.105	0.072	0.095	0.640	0.0480
ARITH. MEAN :	0.147	0.576	0.067	0.036	0.054	0.508	0.0140
ARITH. STD. DEV :	0.072	0.216	0.039	0.022	0.028	0.210	0.0121
GEOM. MEAN :	0.174	0.533	0.058	0.025	0.047	0.460	0.0107
GEOM. STD. DEV. :	1.443	1.536	1.777	3.004	1.847	1.640	2.1485
1ST QUARTILE :	0.115	0.360	0.040	0.022	0.035	0.305	0.0075
2ND QUARTILE :	0.135	0.555	0.052	0.030	0.047	0.485	0.0110
3RD QUARTILE :	0.170	0.715	0.080	0.045	0.065	0.653	0.0135
VOL. WGT. MEAN :	0.126	0.541	0.067	0.035	0.052	0.469	0.0138

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0080	0.0020	0.014	0.0799	0.0140	0.0010	0.095
MINIMUM :	0.0005	0.0005	0.003	0.0142	0.0020	0.0010	0.016
RANGE :	0.0075	0.0015	0.011	0.0657	0.0120	0.0000	0.078
ARITH. MEAN :	0.0032	0.0007	0.007	0.0389	0.0066	0.0010	0.047
ARITH. STD. DEV :	0.0021	0.0004	0.003	0.0214	0.0032	0.0000	0.025
GEOM. MEAN :	0.0025	0.0006	0.006	0.0337	0.0059	0.0010	0.041
GEOM. STD. DEV. :	2.1170	1.5148	1.658	1.7611	1.6867	1.0000	1.753
1ST QUARTILE :	0.0020	0.0005	0.003	0.0198	0.0045	0.0010	0.024
2ND QUARTILE :	0.0020	0.0005	0.006	0.0331	0.0055	0.0010	0.039
3RD QUARTILE :	0.0040	0.0005	0.007	0.0492	0.0080	0.0010	0.060
VOL. WGT. MEAN :	0.0033	0.0006	0.006	0.0417	0.0059	0.0010	0.049

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0058	0.00040	0.1445
MINIMUM :	0.0006	0.00005	0.0191
RANGE :	0.0052	0.00035	0.1255
ARITH. MEAN :	0.0014	0.00011	0.0577
ARITH. STD. DEV :	0.0014	0.00011	0.0320
GEOM. MEAN :	0.0011	0.00008	0.0509
GEOM. STD. DEV. :	1.7908	2.05814	1.6779
1ST QUARTILE :	0.0008	0.00005	0.0394
2ND QUARTILE :	0.0009	0.00005	0.0484
3RD QUARTILE :	0.0013	0.00010	0.0674
VOL. WGT. MEAN :	0.0012	0.00010	0.0495

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	10.0	10.00	11.0000	11.00	12.000	11.000
MAXIMUM :	105.4	48.0	4.97	0.1516	6.55	0.880	1.530
MINIMUM :	19.0	10.4	4.11	0.0204	0.65	0.160	0.070
RANGE :	86.4	37.6	0.86	0.1312	5.90	0.720	1.460
ARITH. MEAN :	63.7	24.6	4.62	0.0589	2.68	0.433	0.445
ARITH. STD. DEV :	23.4	12.4	0.27	0.0380	2.06	0.222	0.429
GEOM. MEAN :	58.7	21.9	4.61	0.0504	2.08	0.386	0.305
GEOM. STD. DEV. :	1.6	1.7	1.06	1.7600	2.10	1.664	2.522
1ST QUARTILE :	51.9	14.0	4.37	0.0332	1.02	0.335	0.130
2ND QUARTILE :	62.9	21.1	4.68	0.0441	1.77	0.365	0.275
3RD QUARTILE :	70.6	32.4	4.76	0.0657	3.38	0.525	0.600
VOL. WGT. MEAN :	********	21.4	*******	0.0595	2.34	0.383	0.378

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	7.000	11.000	12.000	12.000	12.0000
MAXIMUM :	0.260	1.040	0.175	0.080	0.175	0.890	0.0270
MINIMUM :	0.040	0.100	0.010	0.000	0.020	0.042	0.0000
RANGE :	0.220	0.940	0.165	0.080	0.155	0.848	0.0270
ARITH. MEAN :	0.140	0.430	0.059	0.033	0.077	0.349	0.0085
ARITH. STD. DEV :	0.061	0.360	0.057	0.027	0.044	0.302	0.0089
GEOM. MEAN :	0.127	0.313	0.040	0.038	0.066	0.241	0.0085
GEOM. STD. DEV. :	1.648	2.287	2.612	2.344	1.857	2.543	3.4183
1ST QUARTILE :	0.100	0.155	0.015	0.009	0.047	0.130	0.0018
2ND QUARTILE :	0.130	0.270	0.032	0.020	0.070	0.210	0.0055
3RD QUARTILE :	0.180	0.750	0.072	0.055	0.110	0.605	0.0135
VOL. WGT. MEAN :	0.137	0.334	0.063	0.025	0.081	0.272	0.0063

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	12.0000	11.000	11.0000	12.0000	12.0000	11.000
MAXIMUM :	0.0150	0.0020	0.012	0.1730	0.0120	0.0010	0.174
MINIMUM :	0.0005	0.0005	0.003	0.0153	0.0030	0.0010	0.012
RANGE :	0.0145	0.0015	0.008	0.1577	0.0090	0.0000	0.162
ARITH. MEAN :	0.0046	0.0007	0.006	0.0576	0.0066	0.0010	0.056
ARITH. STD. DEV :	0.0039	0.0004	0.003	0.0568	0.0026	0.0000	0.056
GEOM. MEAN :	0.0034	0.0006	0.006	0.0391	0.0061	0.0010	0.037
GEOM. STD. DEV. :	2.3784	1.5386	1.522	2.4592	1.4971	1.0000	2.596
1ST QUARTILE :	0.0020	0.0005	0.004	0.0163	0.0045	0.0010	0.016
2ND QUARTILE :	0.0030	0.0005	0.005	0.0298	0.0060	0.0010	0.024
3RD QUARTILE :	0.0055	0.0005	0.007	0.0641	0.0080	0.0010	0.074
VOL. WGT. MEAN :	0.0038	0.0006	0.006	0.0466	0.0062	0.0010	0.044

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	10.0000
MAXIMUM :	0.0033	0.00020	0.0776
MINIMUM :	0.0006	0.00005	0.0107
RANGE :	0.0027	0.00015	0.0669
ARITH. MEAN :	0.0013	0.00009	0.0290
ARITH. STD. DEV :	0.0009	0.00006	0.0213
GEOM. MEAN :	0.0011	0.00007	0.0239
GEOM. STD. DEV. :	1.7270	1.73263	1.8720
1ST QUARTILE :	0.0007	0.00005	0.0147
2ND QUARTILE :	0.0010	0.00005	0.0209
3RD QUARTILE :	0.0013	0.00010	0.0288
VOL. WGT. MEAN :	0.0011	0.00008	0.0279

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13,83 TO JAN 4,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	4.0	3.0	4.00	4.0000	4.00	4.000	4.000
MAXIMUM :	247.2	23.1	4.77	0.0674	2.30	0.350	0.230
MINIMUM :	109.6	12.6	4.30	0.0364	0.70	0.250	0.030
RANGE :	137.6	10.5	0.47	0.0310	1.60	0.100	0.200
ARITH. MEAN :	151.1	17.7	4.57	0.0487	1.70	0.285	0.100
ARITH. STD. DEV :	64.9	5.3	0.20	0.0137	0.72	0.045	0.092
GEOM. MEAN :	142.6	17.2	4.56	0.0474	1.55	0.283	0.072
GEOM. STD. DEV. :	1.5	1.4	1.05	1.3109	1.73	1.162	2.523
1ST QUARTILE :	112.1	*******	4.41	0.0386	1.17	0.255	0.035
2ND QUARTILE :	123.8	*******	4.60	0.0456	1.90	0.270	0.070
3RD QUARTILE :	190.1	*******	4.72	0.0589	2.22	0.315	0.165
VOL. WGT. MEAN :	*******	16.2	*******	0.0456	1.50	0.278	0.091

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	4.000	4.000	4.000	4.000	4.000	4.000	4.0000
MAXIMUM :	0.110	0.470	0.035	0.030	0.040	0.420	0.0120
MINIMUM :	0.040	0.120	0.010	0.000	0.020	0.096	0.0015
RANGE :	0.070	0.350	0.025	0.030	0.020	0.324	0.0105
ARITH. MEAN :	0.075	0.267	0.019	0.014	0.030	0.220	0.0079
ARITH. STD. DEV :	0.031	0.146	0.011	0.013	0.009	0.140	0.0051
GEOM. MEAN :	0.070	0.239	0.017	0.046	0.029	0.191	0.0060
GEOM. STD. DEV. :	1.566	1.746	1.694	3.253	1.371	1.835	2.6651
1ST QUARTILE :	0.050	0.180	0.012	0.004	0.022	0.134	0.0038
2ND QUARTILE :	0.075	0.240	0.015	0.014	0.030	0.182	0.0090
3RD QUARTILE :	0.100	0.355	0.025	0.025	0.037	0.306	0.0120
VOL. WGT. MEAN :	0.067	0.242	0.018	0.011	0.031	0.199	0.0066

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13,83 TO JAN 4,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	4.0000	4.0000	3.000	3.0000	4.0000	4.0000	3.000
MAXIMUM :	0.0030	0.0005	0.003	0.0260	0.0040	0.0010	0.040
MINIMUM :	0.0005	0.0005	0.001	0.0093	0.0010	0.0010	0.010
RANGE :	0.0025	0.0000	0.002	0.0167	0.0030	0.0000	0.030
ARITH. MEAN :	0.0016	0.0005	0.003	0.0185	0.0027	0.0010	0.021
ARITH. STD. DEV :	0.0011	0.0000	0.001	0.0085	0.0013	0.0000	0.017
GEOM. MEAN :	0.0013	0.0005	0.002	0.0170	0.0024	0.0010	0.017
GEOM. STD. DEV. :	2.2005	1.0000	1.694	1.7043	1.8450	1.0000	2.138
1ST QUARTILE :	0.0007	0.0005	********	********	0.0020	0.0010	********
2ND QUARTILE :	0.0015	0.0005	********	********	0.0030	0.0010	********
3RD QUARTILE :	0.0025	0.0005	********	********	0.0035	0.0010	********
VOL. WGT. MEAN :	0.0014	0.0005	0.002	0.0163	0.0024	0.0010	0.018

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	3.0000	4.00000	4.0000
MAXIMUM :	0.0008	0.00010	0.0501
MINIMUM :	0.0007	0.00005	0.0170
RANGE :	0.0001	0.00005	0.0331
ARITH. MEAN :	0.0007	0.00006	0.0295
ARITH. STD. DEV :	0.0001	0.00003	0.0147
GEOM. MEAN :	0.0007	0.00006	0.0271
GEOM. STD. DEV. :	1.1246	1.41421	1.5984
1ST QUARTILE :	********	0.00005	0.0192
2ND QUARTILE :	********	0.00005	0.0254
3RD QUARTILE :	********	0.00008	0.0398
VOL. WGT. MEAN :	0.0007	0.00006	0.0272

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3,83 TO JAN 2,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	11.00	13.0000	13.00	13.000	10.000
MAXIMUM :	100.0	48.0	5.46	0.1198	7.80	1.080	2.590
MINIMUM :	25.0	16.2	4.04	0.0172	1.35	0.390	0.180
RANGE :	75.0	31.8	1.42	0.1026	6.45	0.690	2.410
ARITH. MEAN :	57.7	32.1	4.54	0.0609	4.14	0.682	0.838
ARITH. STD. DEV :	24.6	11.7	0.42	0.0302	2.13	0.255	0.785
GEOM. MEAN :	52.7	30.0	4.52	0.0531	3.67	0.639	0.591
GEOM. STD. DEV. :	1.6	1.5	1.09	1.7931	1.68	1.457	2.368
1ST QUARTILE :	34.5	20.1	4.19	0.0425	2.75	0.475	0.300
2ND QUARTILE :	54.0	30.8	4.43	0.0555	3.30	0.580	0.480
3RD QUARTILE :	72.5	41.8	4.63	0.0720	4.52	0.865	0.985
VOL. WGT. MEAN :	*******	28.9	*******	0.0560	3.73	0.603	0.843

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3,83 TO JAN 2,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	12.000	11.000	12.000	13.000	13.0000
MAXIMUM :	0.480	1.500	0.315	0.125	0.300	1.130	0.1100
MINIMUM :	0.070	0.250	0.025	0.002	0.005	0.094	0.0030
RANGE :	0.410	1.250	0.290	0.123	0.295	1.036	0.1070
ARITH. MEAN :	0.253	0.746	0.103	0.043	0.102	0.517	0.0218
ARITH. STD. DEV :	0.126	0.425	0.097	0.035	0.087	0.317	0.0272
GEOM. MEAN :	0.221	0.643	0.074	0.028	0.066	0.430	0.0151
GEOM. STD. DEV. :	1.778	1.769	2.278	3.033	3.073	1.945	2.2508
1ST QUARTILE :	0.145	0.425	0.037	0.011	0.037	0.323	0.0100
2ND QUARTILE :	0.210	0.550	0.067	0.035	0.072	0.367	0.0135
3RD QUARTILE :	0.335	0.910	0.118	0.052	0.150	0.625	0.0195
VOL. WGT. MEAN :	0.218	0.645	0.085	0.037	0.083	0.458	0.0213

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3,83 TO JAN 2,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0130	0.0010	0.014	0.1970	0.0120	0.0010	0.117
MINIMUM :	0.0020	0.0005	0.004	0.0091	0.0020	0.0010	0.014
RANGE :	0.0110	0.0005	0.010	0.1879	0.0100	0.0000	0.103
ARITH. MEAN :	0.0051	0.0006	0.007	0.0669	0.0065	0.0010	0.058
ARITH. STD. DEV :	0.0034	0.0002	0.003	0.0534	0.0032	0.0000	0.036
GEOM. MEAN :	0.0042	0.0006	0.007	0.0491	0.0057	0.0010	0.047
GEOM. STD. DEV. :	1.9034	1.2973	1.466	2.3767	1.7497	1.0000	2.013
1ST QUARTILE :	0.0020	0.0005	0.005	0.0275	0.0032	0.0010	0.026
2ND QUARTILE :	0.0040	0.0005	0.006	0.0447	0.0060	0.0010	0.047
3RD QUARTILE :	0.0070	0.0005	0.008	0.0848	0.0080	0.0010	0.075
VOL. WGT. MEAN :	0.0044	0.0006	0.006	0.0598	0.0058	0.0010	0.056

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3,83 TO JAN 2,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	12.00000	11.0000
MAXIMUM :	0.0030	0.00080	0.0912
MINIMUM :	0.0007	0.00005	0.0035
RANGE :	0.0023	0.00075	0.0877
ARITH. MEAN :	0.0015	0.00017	0.0394
ARITH. STD. DEV :	0.0006	0.00022	0.0261
GEOM. MEAN :	0.0014	0.00010	0.0291
GEOM. STD. DEV. :	1.4979	2.66644	2.6180
1ST QUARTILE :	0.0011	0.00005	0.0128
2ND QUARTILE :	0.0013	0.00005	0.0343
3RD QUARTILE :	0.0016	0.00025	0.0525
VOL. WGT. MEAN :	0.0014	0.00015	0.0367

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	10.00	13.0000	12.00	12.000	12.000
MAXIMUM :	142.9	44.0	4.57	0.1314	4.40	0.870	0.810
MINIMUM :	30.0	19.0	4.07	0.0304	1.90	0.310	0.210
RANGE :	112.9	25.0	0.50	0.1010	2.50	0.560	0.600
ARITH. MEAN :	69.8	29.4	4.37	0.0717	3.36	0.522	0.414
ARITH. STD. DEV :	34.8	8.7	0.17	0.0345	0.80	0.177	0.173
GEOM. MEAN :	63.0	28.2	4.37	0.0642	3.26	0.497	0.384
GEOM. STD. DEV. :	1.6	1.3	1.04	1.6478	1.31	1.381	1.506
1ST QUARTILE :	45.0	21.1	4.21	0.0417	2.92	0.395	0.280
2ND QUARTILE :	56.5	25.1	4.42	0.0614	3.50	0.500	0.415
3RD QUARTILE :	73.0	37.3	4.51	0.0852	3.93	0.605	0.480
VOL. WGT. MEAN :	*******	29.8	*******	0.0723	3.48	0.506	0.423

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	12.000	11.000	12.000	12.000	11.0000
MAXIMUM :	0.390	2.850	0.195	0.225	0.180	1.910	0.1380
MINIMUM :	0.000	0.270	0.060	0.005	0.020	0.140	0.0015
RANGE :	0.390	2.580	0.135	0.220	0.160	1.770	0.1365
ARITH. MEAN :	0.209	0.908	0.106	0.070	0.090	0.626	0.0339
ARITH. STD. DEV :	0.111	0.772	0.046	0.076	0.050	0.474	0.0509
GEOM. MEAN :	0.241	0.717	0.098	0.041	0.075	0.509	0.0143
GEOM. STD. DEV. :	1.492	1.948	1.520	3.027	1.920	1.931	3.8473
1ST QUARTILE :	0.155	0.490	0.062	0.017	0.047	0.365	0.0050
2ND QUARTILE :	0.175	0.655	0.105	0.037	0.085	0.485	0.0115
3RD QUARTILE :	0.305	0.870	0.125	0.070	0.137	0.650	0.0220
VOL. WGT. MEAN :	0.187	0.882	0.106	0.069	0.082	0.615	0.0317

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0080	0.0030	0.012	0.1080	0.0170	0.0010	0.100
MINIMUM :	0.0020	0.0005	0.003	0.0229	0.0040	0.0010	0.017
RANGE :	0.0060	0.0025	0.009	0.0851	0.0130	0.0000	0.083
ARITH. MEAN :	0.0042	0.0007	0.008	0.0553	0.0078	0.0010	0.053
ARITH. STD. DEV :	0.0018	0.0007	0.003	0.0261	0.0043	0.0000	0.029
GEOM. MEAN :	0.0039	0.0006	0.007	0.0498	0.0070	0.0010	0.046
GEOM. STD. DEV. :	1.5286	1.7115	1.524	1.6232	1.5970	1.0000	1.808
1ST QUARTILE :	0.0030	0.0005	0.005	0.0324	0.0050	0.0010	0.029
2ND QUARTILE :	0.0040	0.0005	0.008	0.0502	0.0070	0.0010	0.047
3RD QUARTILE :	0.0055	0.0005	0.010	0.0692	0.0080	0.0010	0.074
VOL. WGT. MEAN :	0.0042	0.0007	0.007	0.0502	0.0071	0.0010	0.054

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	10.0000
MAXIMUM :	0.0022	0.00020	0.0851
MINIMUM :	0.0008	0.00005	0.0269
RANGE :	0.0014	0.00015	0.0582
ARITH. MEAN :	0.0012	0.00008	0.0457
ARITH. STD. DEV :	0.0004	0.00005	0.0201
GEOM. MEAN :	0.0012	0.00007	0.0424
GEOM. STD. DEV. :	1.3749	1.59571	1.4857
1ST QUARTILE :	0.0009	0.00005	0.0309
2ND QUARTILE :	0.0010	0.00005	0.0380
3RD QUARTILE :	0.0014	0.00010	0.0501
VOL. WGT. MEAN :	0.0012	0.00008	0.0431

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUHULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4,83 TO DEC 6,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	12.0	10.0	11.00	11.0000	11.00	11.000	11.000
MAXIMUM :	191.0	46.7	4.92	0.1106	5.45	0.560	0.340
MINIMUM :	38.0	9.9	4.10	0.0302	0.80	0.170	0.040
RANGE :	153.0	36.8	0.82	0.0804	4.65	0.390	0.300
ARITH. MEAN :	69.0	28.3	4.41	0.0706	2.85	0.377	0.183
ARITH. STD. DEV :	45.1	11.1	0.23	0.0240	1.47	0.126	0.111
GEOM. MEAN :	60.2	26.0	4.40	0.0665	2.45	0.356	0.145
GEOM. STD. DEV. :	1.6	1.6	1.05	1.4597	1.84	1.448	2.152
1ST QUARTILE :	43.0	17.8	4.23	0.0480	1.30	0.250	0.060
2ND QUARTILE :	52.5	29.3	4.36	0.0708	2.82	0.370	0.160
3RD QUARTILE :	75.0	32.9	4.50	0.0809	3.90	0.455	0.270
VOL. WGT. MEAN :	*******	26.8	*******	0.0702	2.74	0.351	0.170

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4,83 TO DEC 6,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	11.000	11.000	11.000	10.000	11.000	11.0000
MAXIMUM :	0.170	0.900	0.065	0.175	0.095	0.670	0.0400
MINIMUM :	0.000	0.160	0.002	0.002	0.000	0.112	0.0040
RANGE :	0.170	0.740	0.063	0.173	0.095	0.558	0.0360
ARITH. MEAN :	0.083	0.391	0.031	0.041	0.038	0.299	0.0095
ARITH. STD. DEV :	0.050	0.222	0.020	0.049	0.024	0.200	0.0105
GEOM. MEAN :	0.103	0.342	0.023	0.022	0.054	0.243	0.0072
GEOM. STD. DEV. :	1.658	1.718	2.661	3.691	1.613	1.976	1.9638
1ST QUARTILE :	0.045	0.195	0.010	0.006	0.027	0.117	0.0045
2ND QUARTILE :	0.080	0.290	0.030	0.030	0.035	0.196	0.0055
3RD QUARTILE :	0.095	0.485	0.042	0.037	0.040	0.455	0.0085
VOL. WGT. MEAN :	0.068	0.355	0.030	0.037	0.038	0.279	0.0087

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4,83 TO DEC 6,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0050	0.0010	0.009	0.0623	0.0130	0.0010	0.058
MINIMUM :	0.0005	0.0005	0.002	0.0058	0.0005	0.0010	0.003
RANGE :	0.0045	0.0005	0.007	0.0565	0.0125	0.0000	0.055
ARITH. MEAN :	0.0025	0.0006	0.005	0.0327	0.0060	0.0010	0.036
ARITH. STD. DEV :	0.0017	0.0002	0.002	0.0188	0.0033	0.0000	0.020
GEOM. MEAN :	0.0019	0.0006	0.005	0.0264	0.0048	0.0010	0.027
GEOM. STD. DEV. :	2.3888	1.3236	1.596	2.1556	2.3356	1.0000	2.739
1ST QUARTILE :	0.0007	0.0005	0.003	0.0121	0.0035	0.0010	0.014
2ND QUARTILE :	0.0020	0.0005	0.005	0.0311	0.0055	0.0010	0.038
3RD QUARTILE :	0.0040	0.0005	0.007	0.0441	0.0065	0.0010	0.051
VOL. WGT. MEAN :	0.0023	0.0006	0.005	0.0324	0.0054	0.0010	0.034

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4,83 TO DEC 6,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	11.0000
MAXIMUM :	0.0078	0.00020	0.0794
MINIMUM :	0.0007	0.00005	0.0120
RANGE :	0.0071	0.00015	0.0674
ARITH. MEAN :	0.0015	0.00010	0.0434
ARITH. STD. DEV :	0.0021	0.00004	0.0191
GEOM. MEAN :	0.0011	0.00009	0.0389
GEOM. STD. DEV. :	1.9912	1.51890	1.6991
1ST QUARTILE :	0.0007	0.00005	0.0243
2ND QUARTILE :	0.0009	0.00010	0.0422
3RD QUARTILE :	0.0012	0.00010	0.0537
VOL. WGT. MEAN :	0.0013	0.00009	0.0435

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	181.0	48.2	4.52	0.1124	5.70	0.690	0.600
MINIMUM :	41.0	17.2	4.10	0.0472	0.70	0.310	0.050
RANGE :	140.0	31.0	0.42	0.0652	5.00	0.380	0.550
ARITH. MEAN :	74.9	32.0	4.30	0.0794	2.92	0.480	0.210
ARITH. STD. DEV :	38.0	10.6	0.15	0.0256	1.50	0.142	0.162
GEOM. MEAN :	68.2	30.3	4.30	0.0755	2.54	0.461	0.160
GEOM. STD. DEV. :	1.5	1.4	1.03	1.4013	1.78	1.341	2.185
1ST QUARTILE :	48.5	21.4	4.15	0.0537	1.80	0.355	0.080
2ND QUARTILE :	62.1	30.6	4.31	0.0737	2.77	0.420	0.125
3RD QUARTILE :	82.0	39.6	4.39	0.1020	3.20	0.620	0.280
VOL. WGT. MEAN :	*******	30.0	*******	0.0726	2.72	0.448	0.207

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.170	0.600	0.085	0.090	0.075	0.560	0.0380
MINIMUM :	0.070	0.100	0.000	0.000	0.000	0.056	0.0010
RANGE :	0.100	0.500	0.085	0.090	0.075	0.504	0.0370
ARITH. MEAN :	0.103	0.358	0.034	0.030	0.043	0.308	0.0085
ARITH. STD. DEV :	0.030	0.146	0.027	0.021	0.022	0.150	0.0096
GEOM. MEAN :	0.099	0.326	0.037	0.037	0.052	0.268	0.0055
GEOM. STD. DEV. :	1.330	1.615	2.180	1.773	2.078	1.833	2.7580
1ST QUARTILE :	0.075	0.260	0.012	0.020	0.030	0.206	0.0030
2ND QUARTILE :	0.100	0.320	0.022	0.025	0.050	0.259	0.0060
3RD QUARTILE :	0.120	0.415	0.040	0.032	0.055	0.358	0.0090
VOL. WGT. MEAN :	0.095	0.340	0.032	0.028	0.041	0.293	0.0078

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0050	0.0005	0.006	0.0774	0.0100	0.0010	0.090
MINIMUM :	0.0005	0.0005	0.002	0.0113	0.0020	0.0010	0.008
RANGE :	0.0045	0.0000	0.005	0.0661	0.0080	0.0000	0.082
ARITH. MEAN :	0.0023	0.0005	0.004	0.0322	0.0054	0.0010	0.036
ARITH. STD. DEV :	0.0017	0.0000	0.002	0.0214	0.0024	0.0000	0.025
GEOM. MEAN :	0.0018	0.0005	0.004	0.0270	0.0049	0.0010	0.028
GEOM. STD. DEV. :	2.1478	1.0000	1.523	1.8092	1.6444	1.0000	2.149
1ST QUARTILE :	0.0010	0.0005	0.003	0.0197	0.0040	0.0010	0.016
2ND QUARTILE :	0.0015	0.0005	0.004	0.0210	0.0045	0.0010	0.028
3RD QUARTILE :	0.0035	0.0005	0.005	0.0341	0.0065	0.0010	0.047
VOL. WGT. MEAN :	0.0024	0.0005	0.004	0.0355	0.0052	0.0010	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	13.0000	13.00000	13.0000
MAXIMUM :	0.0022	0.00020	0.0794
MINIMUM :	0.0007	0.00005	0.0302
RANGE :	0.0015	0.00015	0.0492
ARITH. MEAN :	0.0011	0.00008	0.0523
ARITH. STD. DEV :	0.0006	0.00004	0.0177
GEOM. MEAN :	0.0010	0.00007	0.0496
GEOM. STD. DEV. :	1.5362	1.58033	1.4019
1ST QUARTILE :	0.0007	0.00005	0.0394
2ND QUARTILE :	0.0008	0.00005	0.0437
3RD QUARTILE :	0.0011	0.00010	0.0626
VOL. WGT. MEAN :	0.0010	0.00007	0.0483

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	10.0	12.00	13.0000	12.00	12.000	12.000
MAXIMUM :	138.0	66.5	4.44	0.2360	8.20	1.880	1.450
MINIMUM :	16.0	23.2	3.73	0.0366	2.25	0.370	0.220
RANGE :	122.0	43.3	0.71	0.1994	5.95	1.510	1.230
ARITH. MEAN :	65.3	41.0	4.19	0.1066	5.16	0.747	0.818
ARITH. STD. DEV :	40.9	14.2	0.20	0.0539	2.05	0.416	0.400
GEOM. MEAN :	53.7	38.9	4.19	0.0953	4.77	0.669	0.715
GEOM. STD. DEV. :	2.0	1.4	1.05	1.6364	1.54	1.598	1.785
1ST QUARTILE :	35.0	27.9	4.11	0.0720	3.70	0.440	0.465
2ND QUARTILE :	48.4	41.3	4.17	0.0861	4.97	0.645	0.790
3RD QUARTILE :	81.3	44.0	4.34	0.1177	6.97	0.860	1.215
VOL. WGT. MEAN :	*******	38.8	*******	0.0956	4.64	0.622	0.689

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	12.000	12.000	12.000	11.000	12.000	12.0000
MAXIMUM :	0.470	1.300	0.160	0.165	0.235	1.100	0.0250
MINIMUM :	0.010	0.250	0.030	0.005	0.020	0.130	0.0010
RANGE :	0.460	1.050	0.130	0.160	0.215	0.970	0.0240
ARITH. MEAN :	0.253	0.657	0.100	0.062	0.103	0.558	0.0114
ARITH. STD. DEV :	0.136	0.313	0.043	0.044	0.065	0.292	0.0078
GEOM. MEAN :	0.188	0.588	0.090	0.044	0.084	0.479	0.0087
GEOM. STD. DEV. :	2.924	1.662	1.677	2.854	2.047	1.852	2.4206
1ST QUARTILE :	0.120	0.415	0.060	0.032	0.050	0.350	0.0060
2ND QUARTILE :	0.245	0.665	0.105	0.065	0.077	0.480	0.0085
3RD QUARTILE :	0.355	0.815	0.137	0.077	0.130	0.735	0.0165
VOL. WGT. MEAN :	0.218	0.582	0.088	0.053	0.094	0.495	0.0105

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	11.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0130	0.0040	0.030	0.3420	0.0220	0.0010	0.272
MINIMUM :	0.0020	0.0005	0.005	0.0287	0.0050	0.0010	0.025
RANGE :	0.0110	0.0035	0.024	0.3133	0.0170	0.0000	0.247
ARITH. MEAN :	0.0053	0.0012	0.012	0.0915	0.0095	0.0010	0.090
ARITH. STD. DEV :	0.0028	0.0010	0.006	0.0911	0.0048	0.0000	0.069
GEOM. MEAN :	0.0048	0.0009	0.011	0.0681	0.0087	0.0010	0.073
GEOM. STD. DEV. :	1.6136	1.9947	1.538	2.1025	1.5403	1.0000	1.903
1ST QUARTILE :	0.0035	0.0005	0.008	0.0331	0.0065	0.0010	0.047
2ND QUARTILE :	0.0055	0.0010	0.011	0.0617	0.0080	0.0010	0.074
3RD QUARTILE :	0.0060	0.0015	0.014	0.0837	0.0105	0.0010	0.096
VOL. WGT. MEAN :	0.0050	0.0011	0.010	0.0855	0.0080	0.0010	0.082

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	12.0000
MAXIMUM :	0.0045	0.00030	0.1862
MINIMUM :	0.0007	0.00005	0.0363
RANGE :	0.0037	0.00025	0.1499
ARITH. MEAN :	0.0018	0.00017	0.0716
ARITH. STD. DEV :	0.0011	0.00009	0.0408
GEOM. MEAN :	0.0016	0.00014	0.0643
GEOM. STD. DEV. :	1.7025	1.86227	1.5750
1ST QUARTILE :	0.0011	0.00010	0.0457
2ND QUARTILE :	0.0013	0.00020	0.0669
3RD QUARTILE :	0.0024	0.00020	0.0771
VOL. WGT. MEAN :	0.0016	0.00017	0.0625

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29,82 TO AUG 16,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	4.0	4.0	1.00	4.0000	3.00	4.000	3.000
MAXIMUM :	52.7	61.5	4.59	0.0464	1.40	0.370	0.760
MINIMUM :	0.2	8.9	4.59	0.0154	0.65	0.100	0.480
RANGE :	52.5	52.6	0.00	0.0310	0.75	0.270	0.280
ARITH. MEAN :	30.3	24.6	*******	0.0294	0.95	0.235	0.597
ARITH. STD. DEV :	22.7	24.9	*******	0.0144	0.40	0.150	0.146
GEOM. MEAN :	9.7	17.9	*******	0.0267	0.90	0.196	0.585
GEOM. STD. DEV. :	16.2	2.4	*******	1.6689	1.49	2.057	1.266
1ST QUARTILE :	13.4	9.8	*******	0.0176	*******	0.105	********
2ND QUARTILE :	34.1	14.1	*******	0.0279	*******	0.235	********
3RD QUARTILE :	47.1	39.6	*******	0.0412	*******	0.365	********
VOL. WGT. MEAN :	*******	11.6	*******	0.0242	0.88	0.163	0.592

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29,82 TO AUG 16,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	4.000	3.000	3.000	3.000	4.000	3.000	3.0000
MAXIMUM :	0.900	0.670	0.185	0.150	0.460	0.540	0.0710
MINIMUM :	0.340	0.180	0.000	0.045	0.210	0.094	0.0060
RANGE :	0.560	0.490	0.185	0.105	0.250	0.446	0.0650
ARITH. MEAN :	0.587	0.350	0.085	0.082	0.340	0.251	0.0283
ARITH. STD. DEV :	0.272	0.277	0.093	0.059	0.115	0.250	0.0370
GEOM. MEAN :	0.540	0.289	0.235	0.070	0.325	0.183	0.0150
GEOM. STD. DEV. :	1.615	2.076	2.392	1.948	1.433	2.577	3.8621
1ST QUARTILE :	0.360	********	********	********	0.245	********	********
2ND QUARTILE :	0.555	********	********	********	0.345	********	********
3RD QUARTILE :	0.815	********	********	********	0.435	********	********
VOL. WGT. MEAN :	0.597	0.398	0.071	0.092	0.334	0.294	0.0350

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29,82 TO AUG 16,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	4.0000	4.0000	3.000	3.0000	4.0000	4.0000	3.000
MAXIMUM :	0.0070	0.0010	0.022	0.0681	0.0060	0.0010	0.042
MINIMUM :	0.0010	0.0005	0.007	0.0268	0.0020	0.0010	0.018
RANGE :	0.0060	0.0005	0.015	0.0413	0.0040	0.0000	0.024
ARITH. MEAN :	0.0035	0.0006	0.012	0.0478	0.0038	0.0010	0.028
ARITH. STD. DEV :	0.0026	0.0003	0.008	0.0207	0.0017	0.0000	0.013
GEOM. MEAN :	0.0027	0.0006	0.011	0.0445	0.0035	0.0010	0.026
GEOM. STD. DEV. :	2.3261	1.4142	1.885	1.6029	1.5898	1.0000	1.554
1ST QUARTILE :	0.0015	0.0005	********	********	0.0025	0.0010	********
2ND QUARTILE :	0.0030	0.0005	********	********	0.0035	0.0010	********
3RD QUARTILE :	0.0055	0.0007	********	********	0.0050	0.0010	********
VOL. WGT. MEAN :	0.0023	0.0005	0.011	0.0458	0.0032	0.0010	0.028

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29,82 TO AUG 16,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	3.0000	4.00000	1.0000
MAXIMUM :	0.0020	0.00030	0.0257
MINIMUM :	0.0008	0.00005	0.0257
RANGE :	0.0012	0.00025	0.0000
ARITH. MEAN :	0.0014	0.00015	********
ARITH. STD. DEV :	0.0006	0.00012	********
GEOM. MEAN :	0.0013	0.00011	********
GEOM. STD. DEV. :	1.5789	2.54019	********
1ST QUARTILE :	********	0.00005	********
2ND QUARTILE :	********	0.00012	********
3RD QUARTILE :	********	0.00025	********
VOL. WGT. MEAN :	0.0013	0.00016	********

***** : INSUFFICIENT DATA OR NOT APPLICABLE

PART IV

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3,83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	78.0	76.0	63.00	76.0000	77.00	76.000	68.000
MAXIMUM :	181.0	55.2	5.46	0.1556	9.85	1.350	2.590
MINIMUM :	17.0	5.5	3.91	0.0138	0.70	0.230	0.040
RANGE :	164.0	49.7	1.55	0.1418	9.15	1.120	2.550
ARITH. MEAN :	66.6	29.2	4.43	0.0622	3.55	0.562	0.478
ARITH. STD. DEV :	32.2	10.1	0.26	0.0283	1.96	0.235	0.465
GEOM. MEAN :	59.6	27.3	4.42	0.0554	3.05	0.522	0.311
GEOM. STD. DEV. :	1.6	1.5	1.06	1.6676	1.77	1.463	2.656
1ST QUARTILE :	43.0	21.9	4.28	0.0429	2.15	0.395	0.165
2ND QUARTILE :	62.8	28.0	4.38	0.0595	3.13	0.495	0.320
3RD QUARTILE :	82.0	34.6	4.52	0.0812	4.43	0.660	0.630
VOL. WGT. MEAN :	*******	27.4	*******	0.0589	3.22	0.508	0.471

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	76.000	74.000	70.000	73.000	75.000	76.000	75.0000
MAXIMUM :	0.780	1.970	0.490	0.280	0.420	1.660	0.1600
MINIMUM :	0.020	0.080	0.000	0.000	0.000	0.048	0.0010
RANGE :	0.760	1.890	0.490	0.280	0.420	1.612	0.1590
ARITH. MEAN :	0.201	0.564	0.091	0.052	0.081	0.467	0.0202
ARITH. STD. DEV :	0.149	0.393	0.110	0.056	0.079	0.349	0.0294
GEOM. MEAN :	0.161	0.462	0.056	0.041	0.062	0.364	0.0111
GEOM. STD. DEV. :	1.937	1.892	3.008	2.622	2.272	2.079	2.8640
1ST QUARTILE :	0.105	0.315	0.022	0.020	0.037	0.227	0.0060
2ND QUARTILE :	0.155	0.430	0.045	0.035	0.057	0.356	0.0100
3RD QUARTILE :	0.250	0.625	0.097	0.052	0.087	0.605	0.0190
VOL. WGT. MEAN :	0.173	0.492	0.076	0.044	0.070	0.418	0.0166

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3,83 TO JAN 3,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	75.0000	75.0000	75.000	74.0000	75.0000	75.0000	73.000
MAXIMUM :	0.0180	0.0040	0.024	0.2230	0.0180	0.0010	0.209
MINIMUM :	0.0005	0.0005	0.001	0.0056	0.0010	0.0010	0.006
RANGE :	0.0175	0.0035	0.022	0.2174	0.0170	0.0000	0.203
ARITH. MEAN :	0.0044	0.0007	0.007	0.0553	0.0065	0.0010	0.051
ARITH. STD. DEV :	0.0040	0.0005	0.004	0.0498	0.0034	0.0000	0.046
GEOM. MEAN :	0.0029	0.0006	0.006	0.0388	0.0057	0.0010	0.037
GEOM. STD. DEV. :	2.5822	1.4979	1.798	2.3634	1.7333	1.0000	2.259
1ST QUARTILE :	0.0015	0.0005	0.004	0.0206	0.0040	0.0010	0.018
2ND QUARTILE :	0.0030	0.0005	0.006	0.0387	0.0060	0.0010	0.034
3RD QUARTILE :	0.0060	0.0005	0.008	0.0669	0.0080	0.0010	0.059
VOL. WGT. MEAN :	0.0037	0.0006	0.006	0.0489	0.0061	0.0010	0.047

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	75.0000	74.00000	63.0000
MAXIMUM :	0.0088	0.00170	0.1230
MINIMUM :	0.0007	0.00005	0.0035
RANGE :	0.0081	0.00165	0.1196
ARITH. MEAN :	0.0016	0.00012	0.0433
ARITH. STD. DEV :	0.0014	0.00022	0.0212
GEOM. MEAN :	0.0013	0.00008	0.0375
GEOM. STD. DEV. :	1.7588	2.07534	1.8294
1ST QUARTILE :	0.0008	0.00005	0.0302
2ND QUARTILE :	0.0012	0.00005	0.0412
3RD QUARTILE :	0.0017	0.00010	0.0525
VOL. WGT. MEAN :	0.0015	0.00011	0.0409

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16,82 TO JAN 4,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	112.0	98.0	99.00	105.0000	105.00	107.000	97.000
MAXIMUM :	247.2	67.0	6.31	0.2240	8.40	1.120	0.730
MINIMUM :	1.7	6.6	3.88	0.0140	0.65	0.050	0.010
RANGE :	245.5	60.4	2.43	0.2100	7.75	1.070	0.720
ARITH. MEAN :	64.6	26.6	4.44	0.0685	2.60	0.379	0.201
ARITH. STD. DEV :	44.3	11.7	0.33	0.0337	1.40	0.198	0.147
GEOM. MEAN :	49.3	24.1	4.43	0.0607	2.26	0.328	0.155
GEOM. STD. DEV. :	2.3	1.6	1.07	1.6665	1.73	1.768	2.141
1ST QUARTILE :	37.6	18.0	4.23	0.0432	1.50	0.235	0.090
2ND QUARTILE :	53.9	24.8	4.36	0.0638	2.35	0.325	0.165
3RD QUARTILE :	78.2	33.6	4.58	0.0866	3.22	0.485	0.245
VOL. WGT. MEAN :	*******	24.8	*******	0.0646	2.39	0.343	0.177

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16,82 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	104.000	103.000	99.000	97.000	99.000	103.000	103.0000
MAXIMUM :	0.530	1.710	0.405	0.295	1.000	1.050	0.1090
MINIMUM :	0.000	0.015	0.000	0.000	0.000	0.001	0.0000
RANGE :	0.530	1.695	0.405	0.295	1.000	1.049	0.1090
ARITH. MEAN :	0.129	0.401	0.041	0.052	0.077	0.293	0.0140
ARITH. STD. DEV :	0.099	0.282	0.049	0.055	0.129	0.205	0.0201
GEOM. MEAN :	0.133	0.321	0.032	0.036	0.049	0.222	0.0084
GEOM. STD. DEV. :	1.815	2.012	2.355	2.829	2.444	2.440	3.1430
1ST QUARTILE :	0.075	0.220	0.015	0.020	0.030	0.139	0.0050
2ND QUARTILE :	0.110	0.305	0.030	0.032	0.040	0.243	0.0070
3RD QUARTILE :	0.160	0.490	0.045	0.055	0.077	0.384	0.0130
VOL. WGT. MEAN :	0.107	0.351	0.033	0.042	0.063	0.263	0.0136

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16,82 TO JAN 4,84

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	101.0000	102.0000	97.000	91.0000	103.0000	103.0000	95.000
MAXIMUM :	0.0140	0.0090	0.038	0.1410	0.0180	0.0010	0.176
MINIMUM :	0.0005	0.0005	0.001	0.0058	0.0005	0.0010	0.003
RANGE :	0.0135	0.0085	0.037	0.1351	0.0175	0.0000	0.173
ARITH. MEAN :	0.0027	0.0007	0.007	0.0385	0.0051	0.0010	0.040
ARITH. STD. DEV :	0.0022	0.0009	0.007	0.0267	0.0036	0.0000	0.029
GEOM. MEAN :	0.0021	0.0006	0.005	0.0313	0.0038	0.0010	0.033
GEOM. STD. DEV. :	2.1401	1.6247	2.038	1.9197	2.3792	1.0000	1.958
1ST QUARTILE :	0.0010	0.0005	0.003	0.0202	0.0030	0.0010	0.022
2ND QUARTILE :	0.0020	0.0005	0.005	0.0325	0.0040	0.0010	0.035
3RD QUARTILE :	0.0035	0.0005	0.008	0.0462	0.0060	0.0010	0.045
VOL. WGT. MEAN :	0.0026	0.0008	0.006	0.0356	0.0046	0.0010	0.039

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16,82 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	95.0000	101.00000	99.0000
MAXIMUM :	0.0120	0.00080	0.1318
MINIMUM :	0.0006	0.00005	0.0005
RANGE :	0.0114	0.00075	0.1313
ARITH. MEAN :	0.0019	0.00011	0.0445
ARITH. STD. DEV :	0.0019	0.00012	0.0249
GEOM. MEAN :	0.0014	0.00008	0.0362
GEOM. STD. DEV. :	1.9227	1.96873	2.1615
1ST QUARTILE :	0.0008	0.00005	0.0260
2ND QUARTILE :	0.0013	0.00005	0.0427
3RD QUARTILE :	0.0022	0.00010	0.0562
VOL. WGT. MEAN :	0.0015	0.00009	0.0397

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29,82 TO JAN 4,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	86.0	75.0	68.00	77.0000	82.00	83.000	68.000
MAXIMUM :	229.0	61.5	6.48	0.1996	5.70	0.740	0.760
MINIMUM :	0.2	3.1	4.18	0.0084	0.25	0.000	0.040
RANGE :	228.8	58.3	2.30	0.1912	5.45	0.740	0.720
ARITH. MEAN :	49.8	14.5	4.99	0.0388	1.51	0.260	0.214
ARITH. STD. DEV :	39.0	10.2	0.58	0.0268	1.05	0.144	0.161
GEOM. MEAN :	33.4	12.2	4.96	0.0329	1.24	0.229	0.162
GEOM. STD. DEV. :	3.1	1.8	1.12	1.7555	1.89	1.837	2.172
1ST QUARTILE :	22.8	8.0	4.56	0.0227	0.75	0.160	0.080
2ND QUARTILE :	41.1	11.8	4.84	0.0323	1.20	0.240	0.180
3RD QUARTILE :	65.3	17.3	5.19	0.0472	2.00	0.330	0.285
VOL. MGT. MEAN :	*******	12.0	*******	0.0334	1.31	0.226	0.192

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29,82 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	81.000	79.000	71.000	73.000	68.000	76.000	79.0000
MAXIMUM :	0.900	1.190	0.185	0.180	0.460	0.740	0.0710
MINIMUM :	0.000	0.050	0.000	0.000	0.002	0.000	0.0000
RANGE :	0.900	1.140	0.185	0.180	0.457	0.740	0.0710
ARITH. MEAN :	0.133	0.388	0.037	0.047	0.079	0.248	0.0172
ARITH. STD. DEV :	0.153	0.244	0.036	0.042	0.086	0.181	0.0161
GEOM. MEAN :	0.119	0.314	0.037	0.042	0.050	0.167	0.0121
GEOM. STD. DEV. :	2.669	2.017	2.322	2.917	2.828	4.141	2.7847
1ST QUARTILE :	0.040	0.210	0.015	0.020	0.030	0.115	0.0070
2ND QUARTILE :	0.090	0.325	0.025	0.037	0.050	0.236	0.0120
3RD QUARTILE :	0.175	0.505	0.047	0.055	0.087	0.354	0.0220
VOL. WGT. MEAN :	0.083	0.349	0.033	0.047	0.054	0.242	0.0137

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29,82 TO JAN 4,84

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	73.0000	74.0000	70.000	66.0000	76.0000	76.0000	67.000
MAXIMUM :	0.0150	0.0040	0.025	0.1630	0.0100	0.0010	0.151
MINIMUM :	0.0005	0.0005	0.001	0.0043	0.0005	0.0010	0.011
RANGE :	0.0145	0.0035	0.023	0.1587	0.0095	0.0000	0.140
ARITH. MEAN :	0.0033	0.0008	0.005	0.0524	0.0029	0.0010	0.049
ARITH. STD. DEV :	0.0029	0.0007	0.005	0.0395	0.0022	0.0000	0.035
GEOM. MEAN :	0.0023	0.0006	0.004	0.0381	0.0022	0.0010	0.039
GEOM. STD. DEV. :	2.4501	1.7032	2.169	2.3816	2.3416	1.0000	2.013
1ST QUARTILE :	0.0010	0.0005	0.002	0.0217	0.0010	0.0010	0.022
2ND QUARTILE :	0.0020	0.0005	0.004	0.0464	0.0030	0.0010	0.038
3RD QUARTILE :	0.0040	0.0005	0.006	0.0713	0.0040	0.0010	0.064
VOL. WGT. MEAN :	0.0027	0.0007	0.004	0.0425	0.0023	0.0010	0.042

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29,82 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	67.0000	73.00000	66.0000
MAXIMUM :	0.0073	0.00120	0.0661
MINIMUM :	0.0007	0.00005	0.0003
RANGE :	0.0066	0.00115	0.0657
ARITH. MEAN :	0.0017	0.00012	0.0175
ARITH. STD. DEV :	0.0013	0.00016	0.0147
GEOM. MEAN :	0.0014	0.00008	0.0099
GEOM. STD. DEV. :	1.8301	2.09475	3.8383
1ST QUARTILE :	0.0008	0.00005	0.0062
2ND QUARTILE :	0.0014	0.00005	0.0145
3RD QUARTILE :	0.0020	0.00010	0.0266
VOL. WGT. MEAN :	0.0013	0.00009	0.0140

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	39.0	34.0	32.00	37.0000	36.00	38.000	34.000
MAXIMUM :	139.6	57.5	4.97	0.1516	6.55	1.090	1.530
MINIMUM :	16.0	9.9	4.11	0.0158	0.65	0.160	0.050
RANGE :	123.6	47.6	0.86	0.1358	5.90	0.930	1.480
ARITH. MEAN :	69.1	26.2	4.52	0.0603	2.66	0.438	0.388
ARITH. STD. DEV :	26.4	13.6	0.23	0.0306	1.64	0.210	0.298
GEOM. MEAN :	63.6	23.2	4.52	0.0534	2.22	0.397	0.285
GEOM. STD. DEV. :	1.6	1.6	1.05	1.6690	1.87	1.556	2.364
1ST QUARTILE :	55.5	15.6	4.38	0.0433	1.57	0.290	0.160
2ND QUARTILE :	64.8	22.1	4.51	0.0503	2.30	0.375	0.340
3RD QUARTILE :	82.5	33.3	4.67	0.0717	3.47	0.485	0.500
VOL. WGT. MEAN :	*******	23.5	*******	0.0577	2.51	0.394	0.364

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	36.000	38.000	31.000	35.000	35.000	38.000	37.0000
MAXIMUM :	0.380	1.670	0.175	0.120	0.195	1.340	0.0970
MINIMUM :	0.005	0.070	0.005	0.000	0.015	0.018	0.0000
RANGE :	0.375	1.600	0.170	0.120	0.180	1.322	0.0970
ARITH. MEAN :	0.137	0.534	0.050	0.043	0.072	0.394	0.0131
ARITH. STD. DEV :	0.071	0.412	0.035	0.030	0.048	0.319	0.0168
GEOM. MEAN :	0.116	0.400	0.039	0.042	0.058	0.278	0.0098
GEOM. STD. DEV. :	2.024	2.207	2.189	2.309	1.969	2.508	2.6310
1ST QUARTILE :	0.090	0.230	0.020	0.020	0.032	0.144	0.0055
2ND QUARTILE :	0.125	0.405	0.047	0.037	0.052	0.273	0.0080
3RD QUARTILE :	0.170	0.810	0.060	0.065	0.100	0.565	0.0115
VOL. WGT. MEAN :	0.128	0.488	0.049	0.039	0.070	0.346	0.0111

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	36.0000	37.0000	35.000	35.0000	37.0000	37.0000	35.000
MAXIMUM :	0.0150	0.0020	0.020	0.1730	0.0120	0.0030	0.186
MINIMUM :	0.0005	0.0005	0.003	0.0092	0.0030	0.0010	0.005
RANGE :	0.0145	0.0015	0.018	0.1638	0.0090	0.0020	0.181
ARITH. MEAN :	0.0048	0.0006	0.007	0.0505	0.0062	0.0011	0.051
ARITH. STD. DEV :	0.0038	0.0003	0.004	0.0428	0.0027	0.0004	0.045
GEOM. MEAN :	0.0035	0.0006	0.006	0.0377	0.0057	0.0010	0.036
GEOM. STD. DEV. :	2.3754	1.3941	1.655	2.1670	1.5414	1.2347	2.392
1ST QUARTILE :	0.0025	0.0005	0.004	0.0177	0.0040	0.0010	0.017
2ND QUARTILE :	0.0030	0.0005	0.006	0.0369	0.0060	0.0010	0.033
3RD QUARTILE :	0.0060	0.0005	0.009	0.0612	0.0080	0.0010	0.068
VOL. WGT. MEAN :	0.0043	0.0006	0.006	0.0440	0.0058	0.0011	0.043

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 3,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	35.0000	37.00000	32.0000
MAXIMUM :	0.0045	0.00020	0.0776
MINIMUM :	0.0006	0.00005	0.0107
RANGE :	0.0038	0.00015	0.0669
ARITH. MEAN :	0.0015	0.00008	0.0342
ARITH. STD. DEV :	0.0009	0.00006	0.0184
GEOM. MEAN :	0.0013	0.00007	0.0300
GEOM. STD. DEV. :	1.6520	1.70311	1.6799
1ST QUARTILE :	0.0008	0.00005	0.0214
2ND QUARTILE :	0.0012	0.00005	0.0309
3RD QUARTILE :	0.0016	0.00010	0.0422
VOL. WGT. MEAN :	0.0014	0.00008	0.0320

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUN MG/L
# OF SAMPLES :	115.0	101.0	106.00	113.0000	112.00	111.000	108.000
MAXIMUM :	213.0	71.0	4.96	0.2360	8.80	1.880	1.450
MINIMUM :	16.0	10.5	3.73	0.0194	1.10	0.190	0.110
RANGE :	197.0	60.5	1.23	0.2166	7.70	1.690	1.340
ARITH. MEAN :	67.3	36.3	4.32	0.0850	4.24	0.630	0.614
ARITH. STD. DEV :	37.9	13.6	0.23	0.0397	1.59	0.264	0.318
GEOM. MEAN :	57.5	33.8	4.32	0.0762	3.94	0.583	0.529
GEOM. STD. DEV. :	1.8	1.5	1.06	1.6197	1.49	1.483	1.781
1ST QUARTILE :	36.6	25.3	4.16	0.0583	3.25	0.455	0.390
2ND QUARTILE :	59.0	33.4	4.31	0.0765	4.02	0.590	0.565
3RD QUARTILE :	87.5	45.0	4.45	0.1087	5.32	0.750	0.815
VOL. WGT. MEAN :	*******	34.3	*******	0.0801	3.97	0.552	0.558

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	109.000	110.000	109.000	109.000	107.000	112.000	109.0000
MAXIMUM :	0.670	2.850	0.365	0.400	0.350	1.910	0.2800
MINIMUM :	0.000	0.170	0.025	0.002	0.010	0.000	0.0010
RANGE :	0.670	2.680	0.340	0.397	0.340	1.910	0.2790
ARITH. MEAN :	0.228	0.670	0.124	0.060	0.095	0.541	0.0215
ARITH. STD. DEV :	0.136	0.393	0.070	0.060	0.076	0.296	0.0353
GEOM. MEAN :	0.207	0.584	0.106	0.041	0.069	0.470	0.0119
GEOM. STD. DEV. :	1.870	1.682	1.776	2.647	2.260	1.820	2.7707
1ST QUARTILE :	0.140	0.415	0.065	0.030	0.040	0.315	0.0070
2ND QUARTILE :	0.190	0.590	0.115	0.045	0.070	0.510	0.0110
3RD QUARTILE :	0.300	0.805	0.150	0.065	0.135	0.695	0.0165
VOL. WGT. MEAN :	0.193	0.615	0.109	0.056	0.080	0.493	0.0189

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	110.0000	110.0000	111.000	106.0000	111.0000	111.0000	110.000
MAXIMUM :	0.0130	0.0100	0.040	0.3600	0.0260	0.0010	0.350
MINIMUM :	0.0005	0.0005	0.003	0.0142	0.0020	0.0010	0.016
RANGE :	0.0125	0.0095	0.037	0.3458	0.0240	0.0000	0.334
ARITH. MEAN :	0.0050	0.0010	0.011	0.0775	0.0080	0.0010	0.077
ARITH. STD. DEV :	0.0025	0.0013	0.007	0.0641	0.0043	0.0000	0.055
GEOM. MEAN :	0.0044	0.0007	0.009	0.0605	0.0071	0.0010	0.063
GEOM. STD. DEV. :	1.7520	1.9792	1.747	1.9925	1.6261	1.0000	1.887
1ST QUARTILE :	0.0030	0.0005	0.006	0.0366	0.0050	0.0010	0.042
2ND QUARTILE :	0.0050	0.0005	0.009	0.0571	0.0070	0.0010	0.063
3RD QUARTILE :	0.0060	0.0010	0.013	0.0921	0.0095	0.0010	0.099
VOL. WGT. MEAN :	0.0047	0.0009	0.009	0.0707	0.0070	0.0010	0.076

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,83 TO JAN 4,84

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	110.0000	111.00000	106.0000
MAXIMUM :	0.0078	0.00200	0.1862
MINIMUM :	0.0006	0.00005	0.0110
RANGE :	0.0072	0.00195	0.1752
ARITH. MEAN :	0.0016	0.00018	0.0542
ARITH. STD. DEV :	0.0013	0.00025	0.0297
GEOM. MEAN :	0.0013	0.00012	0.0473
GEOM. STD. DEV. :	1.7328	2.29903	1.7079
1ST QUARTILE :	0.0009	0.00005	0.0343
2ND QUARTILE :	0.0012	0.00010	0.0490
3RD QUARTILE :	0.0017	0.00020	0.0692
VOL. WGT. MEAN :	0.0014	0.00016	0.0486

PART V

SUMMARY STATISTICS OF WET DEPOSITION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	12.000	13.000
MAXIMUM :	143.2	7.1801	12.7400	644.00	78.400	77.328	31.242
MINIMUM :	26.0	0.8775	2.2932	130.00	18.400	17.420	8.000
RANGE :	117.2	6.3026	10.4468	514.00	60.000	59.908	23.242
ARITH. MEAN :	75.8	3.6205	6.0030	286.27	38.637	38.174	16.470
ARITH. STD. DEV :	41.7	1.9076	3.2181	172.47	17.337	22.138	6.741
GEOM. MEAN :	65.5	3.1511	5.3125	246.44	35.482	32.994	15.207
GEOM. STD. DEV. :	1.8	1.7775	1.6650	1.74	1.528	1.741	1.526
1ST QUARTILE :	38.5	2.5136	3.7368	153.27	25.200	20.970	9.962
2ND QUARTILE :	65.9	2.9239	5.0768	203.70	32.948	25.560	16.280
3RD QUARTILE :	88.5	3.8044	5.6616	327.52	43.893	58.536	18.719

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	12.000	12.000	12.000	13.000	12.0000	13.0000
MAXIMUM :	81.200	15.036	20.955	18.288	74.200	7.2800	0.7160
MINIMUM :	12.000	3.600	0.225	1.740	7.020	0.1305	0.0900
RANGE :	69.200	11.436	20.730	16.548	67.180	7.1495	0.6260
ARITH. MEAN :	42.211	6.844	6.928	6.828	31.166	1.6391	0.3332
ARITH. STD. DEV :	25.438	3.937	6.133	4.695	21.448	2.0781	0.2328
GEOM. MEAN :	35.181	6.010	4.105	5.493	24.406	0.8655	0.2625
GEOM. STD. DEV. :	1.921	1.666	3.554	2.026	2.141	3.3004	2.0815
1ST QUARTILE :	19.410	4.175	1.732	3.198	12.530	0.4204	0.1320
2ND QUARTILE :	29.952	4.536	5.665	6.295	24.690	0.6560	0.2282
3RD QUARTILE :	63.261	9.721	10.450	9.625	39.810	1.9875	0.4026

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	12.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.3048	1.699	16.0650	1.4000	0.143	20.790	0.4348
MINIMUM :	0.0180	0.278	1.6400	0.1680	0.026	1.128	0.0576
RANGE :	0.2868	1.422	14.4250	1.2320	0.117	19.662	0.3772
ARITH. MEAN :	0.0914	0.753	4.9973	0.5325	0.076	6.212	0.1986
ARITH. STD. DEV :	0.0854	0.448	4.2193	0.3558	0.042	6.411	0.1420
GEOM. MEAN :	0.0641	0.647	3.8388	0.4441	0.065	4.037	0.1538
GEOM. STD. DEV. :	2.4082	1.770	2.0774	1.8571	1.775	2.553	2.1376
1ST QUARTILE :	0.0322	0.414	1.9200	0.2520	0.038	2.052	0.0721
2ND QUARTILE :	0.0687	0.601	3.3663	0.4434	0.066	2.809	0.1365
3RD QUARTILE :	0.0780	0.864	6.4881	0.5200	0.088	6.003	0.2640

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE PRECIP. #05

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.07784
MINIMUM :	0.00180
RANGE :	0.07604
ARITH. MEAN :	0.02087
ARITH. STD. DEV :	0.02109
GEOM. MEAN :	0.01196
GEOM. STD. DEV. :	3.37369
1ST QUARTILE :	0.00347
2ND QUARTILE :	0.01375
3RD QUARTILE :	0.02782

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16, 82 TO NOV 9,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	8.0	3.0000	6.0000	6.00	7.000	4.000	6.000
MAXIMUM :	78.5	0.1510	2.8903	106.03	5.942	36.128	41.626
MINIMUM :	2.7	0.0064	0.1302	7.54	0.930	5.187	1.171
RANGE :	75.8	0.1446	2.7600	98.49	5.012	30.942	40.455
ARITH. MEAN :	23.1	0.0724	0.8337	47.69	2.739	15.376	9.827
ARITH. STD. DEV :	26.8	0.0731	1.0518	42.12	1.786	14.375	15.718
GEOM. MEAN :	12.9	0.0386	0.4584	31.02	2.274	11.302	4.345
GEOM. STD. DEV. :	3.2	5.1008	3.2667	2.96	1.950	2.424	3.725
1ST QUARTILE :	5.2	********	0.1508	10.28	1.049	5.716	1.194
2ND QUARTILE :	11.1	********	0.5016	34.63	1.920	10.093	4.103
3RD QUARTILE :	35.5	********	0.7898	70.36	3.645	25.035	5.428

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16, 82 TO NOV 9,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	6.000	5.000	4.000	6.000	5.000	6.0000	4.0000
MAXIMUM :	23.539	10.210	4.571	48.048	18.968	2.4910	0.2356
MINIMUM :	1.460	1.297	1.297	1.860	0.725	0.0000	0.0240
RANGE :	22.079	8.914	3.274	46.188	18.244	2.4910	0.2116
ARITH. MEAN :	9.103	4.969	2.465	15.428	8.057	0.5462	0.0885
ARITH. STD. DEV :	8.698	3.473	1.536	20.022	8.071	0.9645	0.1002
GEOM. MEAN :	5.687	3.980	2.144	6.732	4.538	0.3241	0.0563
GEOM. STD. DEV. :	3.119	2.188	1.824	4.079	3.761	3.8482	2.9061
1ST QUARTILE :	1.538	2.191	1.323	2.130	1.815	0.0334	0.0250
2ND QUARTILE :	6.313	3.426	1.996	3.636	3.136	0.1523	0.0472
3RD QUARTILE :	11.093	5.127	3.607	18.438	8.843	0.3237	0.1521

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16, 82 TO NOV 9,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	4.0000	4.000	4.0000	4.0000	4.000	4.000	4.0000
MAXIMUM :	0.0393	0.752	2.0263	0.0914	0.079	1.736	0.1728
MINIMUM :	0.0065	0.079	0.3906	0.0240	0.013	0.289	0.0269
RANGE :	0.0328	0.673	1.6357	0.0674	0.066	1.447	0.1459
ARITH. MEAN :	0.0203	0.262	1.1131	0.0516	0.041	0.888	0.0669
ARITH. STD. DEV :	0.0146	0.327	0.6768	0.0289	0.029	0.625	0.0708
GEOM. MEAN :	0.0163	0.163	0.9516	0.0460	0.033	0.725	0.0478
GEOM. STD. DEV. :	2.2161	2.820	1.9671	1.7466	2.216	2.133	2.3925
1ST QUARTILE :	0.0090	0.088	0.7015	0.0316	0.018	0.438	0.0278
2ND QUARTILE :	0.0177	0.109	1.0177	0.0456	0.035	0.764	0.0340
3RD QUARTILE :	0.0316	0.437	1.5247	0.0716	0.063	1.339	0.1061

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE PRECIP. #28

PERIOD OF REPORT : DEC 16, 82 TO NOV 9,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	4.00000
MAXIMUM :	0.00393
MINIMUM :	0.00114
RANGE :	0.00278
ARITH. MEAN :	0.00252
ARITH. STD. DEV :	0.00114
GEOM. MEAN :	0.00230
GEOM. STD. DEV. :	1.67156
1ST QUARTILE :	0.00177
2ND QUARTILE :	0.00250
3RD QUARTILE :	0.00326

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24, 83 TO DEC 6,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	5.0	4.0000	5.0000	5.00	5.000	3.000	5.000
MAXIMUM :	124.0	2.8407	5.7784	204.60	32.200	13.020	9.100
MINIMUM :	23.0	0.5482	0.3864	72.50	10.000	6.500	0.000
RANGE :	101.0	2.2924	5.3920	132.10	22.200	6.520	9.100
ARITH. MEAN :	61.8	1.3299	2.4988	125.55	20.086	9.813	4.894
ARITH. STD. DEV :	38.6	1.0269	2.0206	61.22	8.448	3.261	3.242
GEOM. MEAN :	53.0	1.0969	1.8127	114.41	18.627	9.434	4.141
GEOM. STD. DEV. :	1.9	1.9918	2.6894	1.61	1.558	1.419	1.547
1ST QUARTILE :	32.5	0.7336	1.0668	78.22	12.560	********	2.415
2ND QUARTILE :	46.0	0.9653	1.7786	86.07	17.335	********	4.935
3RD QUARTILE :	60.0	1.9262	2.2910	133.35	21.555	********	5.270

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24, 83 TO DEC 6,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	5.000	4.000	4.000	5.000	5.000	4.0000	3.0000
MAXIMUM :	23.000	8.750	13.650	3.150	19.400	5.9500	0.3720
MINIMUM :	11.500	1.000	1.470	1.860	6.532	0.0210	0.1500
RANGE :	11.500	7.750	12.180	1.290	12.868	5.9290	0.2220
ARITH. MEAN :	17.872	3.010	5.337	2.653	15.114	1.7662	0.2300
ARITH. STD. DEV :	5.100	3.828	5.620	0.662	5.470	2.8048	0.1233
GEOM. MEAN :	17.250	1.837	3.696	2.581	14.065	0.4247	0.2109
GEOM. STD. DEV. :	1.355	2.842	2.590	1.306	1.583	10.3329	1.6404
1ST QUARTILE :	12.680	1.025	1.975	1.930	9.734	0.1855	********
2ND QUARTILE :	16.230	1.145	3.115	2.552	15.148	0.5470	********
3RD QUARTILE :	20.500	4.995	8.700	3.127	18.352	3.3470	********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24, 83 TO DEC 6,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	5.0000	5.000	4.0000	5.0000	5.000	4.000	5.0000
MAXIMUM :	0.0620	0.782	2.4710	0.2800	0.124	5.992	0.2760
MINIMUM :	0.0115	0.135	1.5128	0.0840	0.023	1.325	0.0408
RANGE :	0.0505	0.647	0.9582	0.1960	0.101	4.667	0.2352
ARITH. MEAN :	0.0309	0.347	1.9915	0.1452	0.062	2.743	0.1123
ARITH. STD. DEV :	0.0193	0.275	0.4721	0.0782	0.039	2.180	0.0933
GEOM. MEAN :	0.0265	0.274	1.9490	0.1321	0.053	2.269	0.0905
GEOM. STD. DEV. :	1.8652	2.111	1.2727	1.5868	1.865	1.946	2.0007
1ST QUARTILE :	0.0162	0.153	1.5901	0.0920	0.032	1.536	0.0575
2ND QUARTILE :	0.0230	0.179	1.9912	0.1120	0.046	1.828	0.0796
3RD QUARTILE :	0.0300	0.323	2.3930	0.1310	0.060	3.951	0.0852

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : AZURE LAKE/CUMULATIVE PRECIP. #26

PERIOD OF REPORT : JUL 24, 83 TO DEC 6,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	5.00000
MAXIMUM :	0.00620
MINIMUM :	0.00210
RANGE :	0.00410
ARITH. MEAN :	0.00378
ARITH. STD. DEV :	0.00166
GEOM. MEAN :	0.00350
GEOM. STD. DEV. :	1.55332
1ST QUARTILE :	0.00230
2ND QUARTILE :	0.00300
3RD QUARTILE :	0.00405

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	12.0	11.0000	12.0000	12.00	12.000	12.000	12.000
MAXIMUM :	74.5	3.7810	4.6934	187.50	34.272	13.500	19.040
MINIMUM :	8.0	0.4359	0.2625	20.91	2.752	0.860	0.000
RANGE :	66.5	3.3451	4.4309	166.59	31.520	12.640	19.040
ARITH. MEAN :	35.0	1.9421	2.6110	92.92	15.744	6.064	4.341
ARITH. STD. DEV :	23.1	1.1720	1.6260	62.58	10.775	4.328	5.184
GEOM. MEAN :	26.5	1.5278	1.9157	72.13	11.415	4.494	2.611
GEOM. STD. DEV. :	2.3	2.2356	2.6014	2.19	2.538	2.420	2.908
1ST QUARTILE :	9.7	0.5016	0.7529	36.23	4.682	2.571	0.828
2ND QUARTILE :	32.9	1.7211	2.7925	80.52	17.926	4.875	3.186
3RD QUARTILE :	49.9	2.8732	4.0497	150.18	23.468	10.123	6.020

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	11.000	12.000	11.0000	12.0000
MAXIMUM :	53.312	2.380	14.042	5.963	31.000	2.9036	0.2236
MINIMUM :	0.748	0.000	0.125	0.133	1.068	0.0086	0.0086
RANGE :	52.563	2.380	13.917	5.829	29.932	2.8950	0.2150
ARITH. MEAN :	16.665	0.967	4.246	2.220	9.854	0.8941	0.0971
ARITH. STD. DEV :	16.644	0.813	5.763	1.928	9.231	1.0682	0.0747
GEOM. MEAN :	9.140	0.803	1.390	1.392	5.821	0.2602	0.0665
GEOM. STD. DEV. :	3.707	2.310	5.499	3.232	3.251	7.3271	2.7857
1ST QUARTILE :	2.497	0.219	0.219	0.569	1.817	0.0430	0.0387
2ND QUARTILE :	10.023	0.610	1.114	1.457	7.428	0.1639	0.0658
3RD QUARTILE :	23.253	1.404	6.738	3.037	16.156	1.5300	0.1611

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	10.0000	12.0000	12.000	11.000	12.0000
MAXIMUM :	0.0952	1.280	2.7100	0.7140	0.075	2.675	0.3070
MINIMUM :	0.0040	0.029	0.1807	0.0258	0.008	0.183	0.0095
RANGE :	0.0912	1.251	2.5293	0.6882	0.067	2.492	0.2975
ARITH. MEAN :	0.0234	0.296	1.2888	0.2475	0.035	1.360	0.0740
ARITH. STD. DEV :	0.0253	0.330	0.9909	0.2120	0.023	0.919	0.0801
GEOM. MEAN :	0.0149	0.191	0.9080	0.1656	0.027	1.008	0.0493
GEOM. STD. DEV. :	2.7532	2.768	2.5993	2.7980	2.334	2.504	2.5896
1ST QUARTILE :	0.0048	0.115	0.3766	0.0956	0.010	0.411	0.0358
2ND QUARTILE :	0.0164	0.243	1.0068	0.1981	0.033	1.087	0.0494
3RD QUARTILE :	0.0290	0.329	2.0044	0.3469	0.050	2.100	0.0875

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE PRECIP. #24

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.03808
MINIMUM :	0.00043
RANGE :	0.03765
ARITH. MEAN :	0.00642
ARITH. STD. DEV :	0.01032
GEOM. MEAN :	0.00301
GEOM. STD. DEV. :	3.61714
1ST QUARTILE :	0.00165
2ND QUARTILE :	0.00322
3RD QUARTILE :	0.00658

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	12.0000	12.00	12.000	9.000	12.000
MAXIMUM :	109.7	3.1900	5.5016	460.00	49.000	119.780	16.000
MINIMUM :	22.0	0.5213	0.6380	70.60	16.944	10.120	6.354
RANGE :	87.7	2.6686	4.8636	389.40	32.056	109.660	9.646
ARITH. MEAN :	66.1	1.7717	3.1339	221.94	33.004	40.720	9.435
ARITH. STD. DEV :	30.9	0.8726	1.4530	127.10	11.731	42.231	2.909
GEOM. MEAN :	58.3	1.5423	2.7189	189.65	30.943	26.938	9.068
GEOM. STD. DEV. :	1.7	1.8142	1.8626	1.82	1.470	2.526	1.334
1ST QUARTILE :	34.3	0.8174	1.7334	133.08	21.822	11.052	7.090
2ND QUARTILE :	68.8	1.9402	3.4845	180.91	33.250	21.972	8.746
3RD QUARTILE :	85.8	2.0845	3.9342	321.95	43.620	31.767	11.120

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	12.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	120.000	8.710	11.500	7.000	92.000	8.4000	0.7000
MINIMUM :	12.352	1.059	0.230	1.080	8.331	0.2824	0.0460
RANGE :	107.648	7.651	11.270	5.920	83.669	8.1176	0.6540
ARITH. MEAN :	43.140	4.260	4.332	3.591	30.699	1.8489	0.2839
ARITH. STD. DEV :	28.286	2.990	3.158	2.086	22.975	2.2559	0.2078
GEOM. MEAN :	36.686	3.251	2.931	3.024	24.701	1.1261	0.2100
GEOM. STD. DEV. :	1.796	2.228	3.045	1.882	1.976	2.7378	2.3923
1ST QUARTILE :	26.369	1.702	1.765	1.800	15.256	0.4897	0.1092
2ND QUARTILE :	35.367	3.026	4.360	3.212	24.353	1.1490	0.2139
3RD QUARTILE :	54.675	6.910	6.005	5.383	41.355	2.3095	0.4370

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	11.000	12.0000
MAXIMUM :	0.2824	0.699	20.4000	0.8000	0.106	20.900	0.5970
MINIMUM :	0.0135	0.250	0.8243	0.1980	0.022	0.645	0.0269
RANGE :	0.2689	0.449	19.5757	0.6020	0.084	20.255	0.5701
ARITH. MEAN :	0.0644	0.374	5.2094	0.4522	0.062	5.204	0.1693
ARITH. STD. DEV :	0.0720	0.125	5.1809	0.1604	0.029	5.799	0.1946
GEOM. MEAN :	0.0465	0.359	3.7086	0.4267	0.055	3.442	0.1101
GEOM. STD. DEV. :	2.1489	1.335	2.3870	1.4358	1.719	2.536	2.4586
1ST QUARTILE :	0.0344	0.286	2.8048	0.3610	0.034	1.724	0.0667
2ND QUARTILE :	0.0448	0.335	4.4773	0.4238	0.069	2.807	0.1031
3RD QUARTILE :	0.0565	0.430	4.9972	0.5000	0.086	4.961	0.1368

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE PRECIP. #13

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.03000
MINIMUM :	0.00135
RANGE :	0.02865
ARITH. MEAN :	0.00663
ARITH. STD. DEV :	0.00759
GEOM. MEAN :	0.00481
GEOM. STD. DEV. :	2.11784
1ST QUARTILE :	0.00353
2ND QUARTILE :	0.00450
3RD QUARTILE :	0.00635

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	11.000
MAXIMUM :	132.0	6.1741	10.4784	593.85	62.160	71.280	21.620
MINIMUM :	18.0	0.9272	1.6560	85.50	14.400	2.520	5.720
RANGE :	114.0	5.2510	8.8224	508.35	47.760	68.760	15.900
ARITH. MEAN :	65.6	3.6030	5.7852	273.55	34.361	30.006	13.953
ARITH. STD. DEV :	36.6	1.7097	2.6990	153.94	14.363	19.845	5.583
GEOM. MEAN :	55.1	3.1860	5.1627	236.65	31.608	23.460	12.753
GEOM. STD. DEV. :	1.9	1.7294	1.6842	1.77	1.544	2.308	1.600
1ST QUARTILE :	32.5	2.2875	3.6117	158.02	26.324	16.510	7.115
2ND QUARTILE :	58.5	2.8190	5.0986	245.20	30.850	24.245	15.240
3RD QUARTILE :	80.0	4.7637	6.9340	300.45	37.325	31.520	17.045

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	11.000	13.000	12.0000	13.0000
MAXIMUM :	83.250	15.180	7.260	10.560	72.600	1.8870	0.7920
MINIMUM :	7.380	3.685	0.325	1.300	7.560	0.0780	0.1300
RANGE :	75.870	11.495	6.935	9.260	65.040	1.8090	0.6620
ARITH. MEAN :	35.129	7.174	2.706	4.631	29.598	0.8041	0.3095
ARITH. STD. DEV :	23.515	3.522	2.124	3.368	21.167	0.5766	0.2031
GEOM. MEAN :	28.667	6.522	1.991	3.621	23.705	0.5648	0.2601
GEOM. STD. DEV. :	1.975	1.554	2.397	2.102	2.005	2.7904	1.8143
1ST QUARTILE :	19.025	4.390	1.117	1.607	14.793	0.3660	0.1536
2ND QUARTILE :	25.820	6.225	2.195	3.027	21.577	0.7715	0.2160
3RD QUARTILE :	39.765	7.580	3.075	7.075	34.870	1.0587	0.4100

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	12.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.1800	4.164	12.7380	0.9990	0.132	13.728	0.1795
MINIMUM :	0.0090	0.326	1.1972	0.2520	0.018	1.247	0.0255
RANGE :	0.1710	3.838	11.5408	0.7470	0.114	12.481	0.1540
ARITH. MEAN :	0.0528	0.906	4.6472	0.4422	0.066	5.089	0.0685
ARITH. STD. DEV :	0.0414	0.993	3.5874	0.1949	0.037	4.234	0.0394
GEOM. MEAN :	0.0429	0.707	3.5595	0.4123	0.055	3.677	0.0608
GEOM. STD. DEV. :	1.9592	1.837	2.1519	1.4485	1.926	2.315	1.6335
1ST QUARTILE :	0.0334	0.514	2.0398	0.2962	0.032	1.996	0.0455
2ND QUARTILE :	0.0400	0.631	3.3245	0.3900	0.058	2.490	0.0589
3RD QUARTILE :	0.0550	0.808	6.8514	0.4900	0.080	7.469	0.0697

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE PRECIP. #01

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	13.00000
MAXIMUM	:	0.04360
MINIMUM	:	0.00230
RANGE	:	0.04130
ARITH. MEAN	:	0.00907
ARITH. STD. DEV	:	0.01083
GEOM. MEAN	:	0.00646
GEOM. STD. DEV.	:	2.11152
1ST QUARTILE	:	0.00384
2ND QUARTILE	:	0.00550
3RD QUARTILE	:	0.00740

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	9.0000	13.0000	13.00	13.000	13.000	13.000
MAXIMUM :	137.0	5.4541	6.8352	417.85	65.760	42.470	20.900
MINIMUM :	37.2	1.4439	0.9810	46.20	10.800	4.300	4.500
RANGE :	99.8	4.0102	5.8542	371.65	54.960	38.170	16.400
ARITH. MEAN :	64.3	3.0755	3.5380	176.28	31.007	19.922	11.318
ARITH. STD. DEV :	30.2	1.4356	1.8956	103.28	17.050	12.530	5.196
GEOM. MEAN :	59.1	2.7819	3.0230	150.78	26.806	16.116	10.216
GEOM. STD. DEV. :	1.5	1.6167	1.8499	1.81	1.772	2.052	1.619
1ST QUARTILE :	43.5	1.7778	1.8246	100.73	15.380	10.158	7.980
2ND QUARTILE :	50.5	2.5992	3.2634	136.35	27.593	16.373	9.395
3RD QUARTILE :	66.5	3.7253	4.5590	208.70	38.027	24.585	14.268

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	13.000	11.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	57.540	19.525	12.100	8.370	86.900	7.3600	0.4400
MINIMUM :	9.120	0.165	0.000	1.980	7.210	0.3720	0.0330
RANGE :	48.420	19.360	12.100	6.390	79.690	6.9880	0.4070
ARITH. MEAN :	24.523	4.379	3.596	4.687	30.838	1.6833	0.2008
ARITH. STD. DEV :	15.569	5.210	3.601	2.213	27.249	2.0777	0.1570
GEOM. MEAN :	20.594	2.466	2.550	4.216	22.154	1.0895	0.1415
GEOM. STD. DEV. :	1.851	3.307	2.322	1.627	2.309	2.3818	2.5391
1ST QUARTILE :	10.955	1.326	0.918	2.875	10.866	0.6105	0.0629
2ND QUARTILE :	16.358	1.985	2.122	4.002	19.211	0.8975	0.1486
3RD QUARTILE :	34.645	5.587	4.791	6.389	43.480	1.3579	0.3770

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0880	1.298	5.6307	0.4950	0.137	3.589	0.1617
MINIMUM :	0.0186	0.123	0.7611	0.0900	0.037	0.654	0.0329
RANGE :	0.0694	1.175	4.8696	0.4050	0.100	2.936	0.1288
ARITH. MEAN :	0.0407	0.435	2.4487	0.3395	0.066	1.927	0.0833
ARITH. STD. DEV :	0.0219	0.352	1.5737	0.1478	0.031	0.816	0.0386
GEOM. MEAN :	0.0359	0.345	2.0219	0.2983	0.060	1.764	0.0750
GEOM. STD. DEV. :	1.6842	1.981	1.9214	1.7992	1.524	1.578	1.6344
1ST QUARTILE :	0.0220	0.227	1.1862	0.1810	0.043	1.345	0.0492
2ND QUARTILE :	0.0332	0.329	1.8576	0.4106	0.057	1.704	0.0788
3RD QUARTILE :	0.0532	0.449	3.5618	0.4542	0.081	2.604	0.1083

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE PRECIP. #12

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.09962
MINIMUM :	0.00215
RANGE :	0.09747
ARITH. MEAN :	0.01244
ARITH. STD. DEV :	0.02752
GEOM. MEAN :	0.00540
GEOM. STD. DEV. :	2.73755
1ST QUARTILE :	0.00332
2ND QUARTILE :	0.00430
3RD QUARTILE :	0.00617

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	13.0000	12.00	13.000	12.000	11.000
MAXIMUM :	139.6	3.8320	6.3916	336.15	45.240	54.825	22.620
MINIMUM :	16.0	1.4330	1.2324	111.68	17.440	11.168	0.600
RANGE :	123.6	2.3990	5.1592	224.47	27.800	43.657	22.020
ARITH. MEAN :	77.9	2.4247	3.9964	215.88	31.295	37.405	11.750
ARITH. STD. DEV :	30.8	0.8031	1.7418	81.89	8.596	12.335	6.797
GEOM. MEAN :	70.7	2.3140	3.5615	201.63	30.070	34.868	8.885
GEOM. STD. DEV. :	1.7	1.3752	1.7152	1.48	1.357	1.544	2.725
1ST QUARTILE :	63.0	1.8235	2.6209	150.54	24.190	32.190	5.920
2ND QUARTILE :	71.6	2.1419	3.5880	193.92	31.150	37.760	10.560
3RD QUARTILE :	80.5	2.7477	5.2605	292.44	35.790	45.225	15.734

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	12.000	11.000	10.000	13.000	12.0000	12.0000
MAXIMUM :	134.400	6.000	10.200	15.210	84.360	4.6800	1.0920
MINIMUM :	19.760	1.396	0.349	1.110	12.843	0.3900	0.1860
RANGE :	114.640	4.604	9.851	14.100	71.517	4.2900	0.9060
ARITH. MEAN :	54.677	4.333	3.854	5.912	35.623	1.3104	0.4400
ARITH. STD. DEV :	36.037	1.489	2.572	4.830	19.831	1.2300	0.2656
GEOM. MEAN :	46.122	4.032	2.993	4.368	31.173	0.9759	0.3817
GEOM. STD. DEV. :	1.802	1.539	2.376	2.321	1.709	2.1259	1.7165
1ST QUARTILE :	27.000	3.280	1.971	2.250	21.012	0.6097	0.2516
2ND QUARTILE :	39.916	4.420	3.197	4.518	28.917	0.7402	0.3212
3RD QUARTILE :	59.490	5.856	4.635	6.435	47.200	1.8135	0.6304

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	11.0000	12.0000	12.000	11.000	11.0000
MAXIMUM :	0.1396	0.910	6.5897	0.6960	0.234	5.239	0.2861
MINIMUM :	0.0080	0.322	1.2920	0.1600	0.016	1.426	0.0328
RANGE :	0.1316	0.589	5.2977	0.5360	0.218	3.814	0.2533
ARITH. MEAN :	0.0489	0.602	3.1369	0.4265	0.093	3.068	0.1053
ARITH. STD. DEV :	0.0338	0.180	1.4258	0.1612	0.056	1.291	0.0707
GEOM. MEAN :	0.0402	0.578	2.8872	0.3930	0.078	2.821	0.0892
GEOM. STD. DEV. :	1.9751	1.356	1.5253	1.5683	1.913	1.546	1.8032
1ST QUARTILE :	0.0324	0.449	2.2048	0.2800	0.063	1.848	0.0581
2ND QUARTILE :	0.0375	0.591	2.6303	0.4510	0.075	2.689	0.0813
3RD QUARTILE :	0.0559	0.636	3.3319	0.5388	0.119	3.824	0.1228

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE PRECIP. #16

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01480
MINIMUM :	0.00080
RANGE :	0.01400
ARITH. MEAN :	0.00658
ARITH. STD. DEV :	0.00470
GEOM. MEAN :	0.00506
GEOM. STD. DEV. :	2.26012
1ST QUARTILE :	0.00337
2ND QUARTILE :	0.00476
3RD QUARTILE :	0.01020

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	13.0000	13.00	13.000	13.000	12.000
MAXIMUM :	131.7	4.5665	7.3253	164.62	31.608	22.360	9.219
MINIMUM :	36.7	0.0683	1.0296	24.85	3.976	1.988	0.000
RANGE :	95.0	4.4982	6.2957	139.77	27.632	20.372	9.219
ARITH. MEAN :	59.7	1.4394	2.8566	87.65	13.774	9.930	4.042
ARITH. STD. DEV :	26.5	1.2684	2.0139	51.18	7.750	6.533	2.721
GEOM. MEAN :	55.6	0.9017	2.3647	72.31	11.739	7.745	3.188
GEOM. STD. DEV. :	1.5	3.3095	1.8457	1.98	1.848	2.189	2.204
1ST QUARTILE :	39.8	0.7079	1.4132	36.54	6.880	3.702	2.476
2ND QUARTILE :	51.1	0.9891	1.9527	82.60	13.046	8.575	3.481
3RD QUARTILE :	63.8	2.0527	2.9739	114.47	16.717	13.876	5.582

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	13.000	13.000	12.000	12.000	12.0000	13.0000
MAXIMUM :	43.860	3.655	4.300	6.665	23.364	1.9780	0.2202
MINIMUM :	2.485	0.000	0.102	0.215	0.000	0.0745	0.0194
RANGE :	41.375	3.655	4.198	6.450	23.364	1.9034	0.2008
ARITH. MEAN :	19.911	1.369	1.747	2.792	10.844	0.6596	0.1142
ARITH. STD. DEV :	11.838	1.102	1.401	1.510	8.074	0.4858	0.0744
GEOM. MEAN :	15.673	1.226	1.018	2.288	6.389	0.5148	0.0859
GEOM. STD. DEV. :	2.301	2.088	3.638	2.262	3.496	2.2284	2.3809
1ST QUARTILE :	11.983	0.358	0.319	2.076	2.831	0.3406	0.0358
2ND QUARTILE :	19.371	1.392	1.404	2.594	11.958	0.6072	0.0974
3RD QUARTILE :	26.558	1.880	2.658	3.023	17.885	0.7911	0.1630

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	12.000	12.0000	13.0000	13.000	12.000	12.0000
MAXIMUM :	0.0658	0.377	6.3104	0.3951	0.132	3.707	0.1357
MINIMUM :	0.0183	0.077	0.3419	0.0248	0.037	0.460	0.0378
RANGE :	0.0475	0.300	5.9685	0.3702	0.095	3.247	0.0978
ARITH. MEAN :	0.0318	0.206	1.8801	0.1433	0.060	1.729	0.0622
ARITH. STD. DEV :	0.0142	0.114	1.6380	0.1334	0.027	1.014	0.0280
GEOM. MEAN :	0.0293	0.176	1.3516	0.0951	0.056	1.431	0.0578
GEOM. STD. DEV. :	1.5018	1.825	2.4074	2.5993	1.456	1.979	1.4663
1ST QUARTILE :	0.0199	0.098	0.6696	0.0407	0.040	0.798	0.0421
2ND QUARTILE :	0.0267	0.177	1.9064	0.0760	0.051	1.722	0.0560
3RD QUARTILE :	0.0357	0.320	2.3099	0.1584	0.064	2.475	0.0704

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE PRECIP. #31

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.00769
MINIMUM :	0.00192
RANGE :	0.00576
ARITH. MEAN :	0.00423
ARITH. STD. DEV :	0.00197
GEOM. MEAN :	0.00383
GEOM. STD. DEV. :	1.59630
1ST QUARTILE :	0.00255
2ND QUARTILE :	0.00359
3RD QUARTILE :	0.00487

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	12.000
MAXIMUM :	163.0	7.2809	11.4752	448.25	63.570	48.900	11.410
MINIMUM :	27.0	1.3224	2.3112	85.50	11.340	2.580	2.820
RANGE :	136.0	5.9585	9.1640	362.75	52.230	46.320	8.590
ARITH. MEAN :	74.4	3.5238	5.1864	182.64	32.437	14.632	6.467
ARITH. STD. DEV :	41.1	1.6162	2.2897	103.70	14.554	13.410	3.043
GEOM. MEAN :	65.3	3.2168	4.8086	162.52	29.507	10.046	5.791
GEOM. STD. DEV. :	1.7	1.5609	1.4843	1.61	1.589	2.513	1.653
1ST QUARTILE :	45.0	2.4573	3.7817	116.10	22.925	4.440	3.700
2ND QUARTILE :	65.0	3.0912	4.4370	143.80	27.590	9.880	6.130
3RD QUARTILE :	83.0	3.5642	5.9112	182.90	36.960	18.000	9.240

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	13.0000
MAXIMUM :	61.940	7.335	3.260	6.520	53.720	1.7280	0.4890
MINIMUM :	7.200	0.000	0.000	0.705	4.320	0.0540	0.0215
RANGE :	54.740	7.335	3.260	5.815	49.400	1.6740	0.4675
ARITH. MEAN :	27.254	2.268	1.811	3.111	21.702	0.5080	0.1448
ARITH. STD. DEV :	16.463	2.077	1.006	1.579	15.504	0.4267	0.1283
GEOM. MEAN :	22.796	1.705	1.635	2.689	17.446	0.3598	0.1037
GEOM. STD. DEV. :	1.896	2.292	1.830	1.834	2.004	2.6148	2.3857
1ST QUARTILE :	14.430	0.705	1.035	1.735	11.286	0.2355	0.0495
2ND QUARTILE :	19.640	1.485	1.755	3.012	15.969	0.4415	0.1055
3RD QUARTILE :	38.510	2.615	2.570	3.915	20.960	0.6280	0.1685

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.0900	1.175	5.1997	2.2820	0.163	3.570	0.1972
MINIMUM :	0.0135	0.078	0.4872	0.0900	0.027	0.516	0.0300
RANGE :	0.0765	1.098	4.7125	2.1920	0.136	3.054	0.1673
ARITH. MEAN :	0.0432	0.290	1.7866	0.4308	0.074	2.009	0.0716
ARITH. STD. DEV :	0.0261	0.278	1.3801	0.5727	0.041	1.062	0.0443
GEOM. MEAN :	0.0363	0.227	1.3907	0.2897	0.065	1.697	0.0627
GEOM. STD. DEV. :	1.8596	1.970	2.0866	2.2418	1.696	1.918	1.6645
1ST QUARTILE :	0.0225	0.165	0.6720	0.1940	0.045	0.961	0.0447
2ND QUARTILE :	0.0325	0.231	1.3431	0.2560	0.065	2.060	0.0584
3RD QUARTILE :	0.0547	0.259	1.9111	0.3320	0.083	2.683	0.0676

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE PRECIP. #20

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

		CADMIUM MG/M**2
# OF SAMPLES	:	13.00000
MAXIMUM	:	0.02640
MINIMUM	:	0.00135
RANGE	:	0.02505
ARITH. MEAN	:	0.00626
ARITH. STD. DEV	:	0.00636
GEOM. MEAN	:	0.00474
GEOM. STD. DEV.	:	2.04344
1ST QUARTILE	:	0.00320
2ND QUARTILE	:	0.00442
3RD QUARTILE	:	0.00600

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	9.0000	11.0000	12.00	12.000	9.000	12.000
MAXIMUM :	90.0	2.1203	3.2162	143.98	21.264	23.400	7.531
MINIMUM :	3.2	0.0225	0.1709	6.40	0.768	0.940	0.000
RANGE :	86.8	2.0978	3.0453	137.57	20.496	22.460	7.531
ARITH. MEAN :	46.0	0.6916	1.5019	66.05	11.849	7.504	3.469
ARITH. STD. DEV :	29.8	0.6519	0.9542	46.13	6.967	7.589	2.859
GEOM. MEAN :	32.7	0.3814	1.1626	48.02	8.848	4.487	2.496
GEOM. STD. DEV. :	2.8	4.0908	2.3430	2.58	2.652	3.134	2.570
1ST QUARTILE :	14.4	0.1822	0.5910	29.85	5.137	1.624	0.497
2ND QUARTILE :	47.8	0.4755	1.1761	63.00	12.725	3.771	3.357
3RD QUARTILE :	64.8	0.8358	2.1291	95.54	17.929	8.450	6.159

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	11.000	12.000	12.0000	9.0000
MAXIMUM :	39.000	9.000	11.700	5.759	30.057	3.2500	0.4500
MINIMUM :	1.024	0.000	0.000	0.225	0.435	0.0282	0.0128
RANGE :	37.976	9.000	11.700	5.534	29.622	3.2218	0.4372
ARITH. MEAN :	17.548	2.416	3.359	2.086	13.065	1.1013	0.1508
ARITH. STD. DEV :	13.279	2.875	3.869	1.720	10.700	1.0877	0.1432
GEOM. MEAN :	11.347	1.342	1.650	1.402	7.126	0.5882	0.0888
GEOM. STD. DEV. :	3.175	3.540	4.568	2.804	4.201	4.0723	3.3554
1ST QUARTILE :	3.797	0.182	0.134	0.441	3.381	0.3705	0.0282
2ND QUARTILE :	14.630	1.092	2.186	1.496	12.810	0.7266	0.0944
3RD QUARTILE :	25.011	3.707	3.843	3.135	21.054	1.6569	0.1948

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	10.0000	11.0000	11.000	10.000	10.0000
MAXIMUM :	0.0900	0.555	8.2890	0.2056	0.090	9.270	0.2592
MINIMUM :	0.0016	0.014	0.2762	0.0128	0.003	0.222	0.0105
RANGE :	0.0884	0.541	8.0128	0.1928	0.087	9.048	0.2487
ARITH. MEAN :	0.0321	0.218	3.3728	0.1098	0.048	3.509	0.0935
ARITH. STD. DEV :	0.0234	0.154	2.8086	0.0689	0.030	3.045	0.0762
GEOM. MEAN :	0.0232	0.160	2.2038	0.0838	0.034	2.143	0.0679
GEOM. STD. DEV. :	2.8709	2.711	2.9955	2.4145	2.851	3.351	2.4721
1ST QUARTILE :	0.0181	0.111	0.8737	0.0350	0.014	0.630	0.0429
2ND QUARTILE :	0.0288	0.180	2.5795	0.0900	0.048	2.823	0.0630
3RD QUARTILE :	0.0325	0.288	4.4227	0.1768	0.065	4.432	0.1114

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE PRECIP. #35

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.02124
MINIMUM :	0.00096
RANGE :	0.02028
ARITH. MEAN :	0.00527
ARITH. STD. DEV :	0.00572
GEOM. MEAN :	0.00365
GEOM. STD. DEV. :	2.34931
1ST QUARTILE :	0.00164
2ND QUARTILE :	0.00325
3RD QUARTILE :	0.00482

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	11.0000	13.00	13.000	9.000	12.000
MAXIMUM :	73.0	0.9493	1.8542	148.68	23.423	24.820	9.676
MINIMUM :	0.9	0.0265	0.0525	1.44	0.243	0.063	0.000
RANGE :	72.1	0.9227	1.8017	147.24	23.180	24.757	9.676
ARITH. MEAN :	35.9	0.2894	1.1242	44.16	9.668	9.298	2.402
ARITH. STD. DEV :	24.5	0.3079	0.5506	41.25	6.712	7.954	2.814
GEOM. MEAN :	21.5	0.1368	0.8734	25.04	5.917	4.411	1.428
GEOM. STD. DEV. :	4.2	4.1449	2.7165	3.80	3.950	6.308	3.794
1ST QUARTILE :	16.3	0.0309	0.6903	13.70	3.669	1.730	0.181
2ND QUARTILE :	30.3	0.1460	1.0111	26.68	8.970	8.466	1.525
3RD QUARTILE :	57.8	0.4480	1.5881	54.15	13.352	10.804	3.311

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	9.000	9.000	8.000	11.000	12.0000	11.0000
MAXIMUM :	50.386	7.665	11.680	2.684	42.008	1.0679	0.3600
MINIMUM :	0.207	0.013	0.000	0.067	0.106	0.0207	0.0036
RANGE :	50.179	7.652	11.680	2.616	41.902	1.0472	0.3564
ARITH. MEAN :	16.525	1.928	2.717	1.447	13.566	0.3911	0.1242
ARITH. STD. DEV :	14.674	2.394	3.662	0.957	12.106	0.3271	0.1219
GEOM. MEAN :	8.078	0.777	1.240	0.990	5.722	0.2304	0.0538
GEOM. STD. DEV. :	5.254	6.329	5.550	3.312	6.807	3.6489	5.3226
1ST QUARTILE :	3.658	0.318	0.288	0.820	0.599	0.1113	0.0072
2ND QUARTILE :	14.846	0.933	1.291	1.181	12.009	0.3475	0.0845
3RD QUARTILE :	23.689	1.935	2.634	2.411	18.749	0.5836	0.1795

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	9.0000	11.0000	11.000	10.000	9.0000
MAXIMUM :	0.0600	0.661	5.1030	0.2268	0.073	6.747	0.1232
MINIMUM :	0.0004	0.007	0.0227	0.0036	0.001	0.025	0.0017
RANGE :	0.0595	0.655	5.0803	0.2232	0.072	6.722	0.1215
ARITH. MEAN :	0.0215	0.185	2.2604	0.0803	0.035	2.341	0.0553
ARITH. STD. DEV :	0.0182	0.177	1.6315	0.0675	0.025	2.046	0.0312
GEOM. MEAN :	0.0108	0.123	1.3062	0.0462	0.020	1.261	0.0396
GEOM. STD. DEV. :	5.3117	3.151	5.0826	3.9607	4.595	4.919	3.3950
1ST QUARTILE :	0.0049	0.102	0.9909	0.0169	0.008	0.651	0.0474
2ND QUARTILE :	0.0183	0.146	1.9198	0.0589	0.030	2.009	0.0498
3RD QUARTILE :	0.0299	0.183	2.5151	0.1165	0.058	2.901	0.0564

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE PRECIP. #34

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.00488
MINIMUM :	0.00004
RANGE :	0.00483
ARITH. MEAN :	0.00228
ARITH. STD. DEV :	0.00150
GEOM. MEAN :	0.00123
GEOM. STD. DEV. :	5.35632
1ST QUARTILE :	0.00094
2ND QUARTILE :	0.00234
3RD QUARTILE :	0.00293

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	5.0	5.0000	5.0000	5.00	5.000	4.000	5.000
MAXIMUM :	229.0	2.7355	4.3056	251.90	57.250	50.380	9.360
MINIMUM :	6.0	0.0455	0.1548	3.90	0.000	4.160	0.000
RANGE :	223.0	2.6900	4.1508	248.00	57.250	46.220	9.360
ARITH. MEAN :	93.1	1.1723	2.5280	113.05	18.183	18.327	4.848
ARITH. STD. DEV :	83.6	1.0591	1.7961	93.79	22.560	21.918	4.196
GEOM. MEAN :	56.4	0.6127	1.5878	61.30	9.286	10.654	3.706
GEOM. STD. DEV. :	3.9	5.0242	3.9731	5.12	2.619	3.287	1.963
1ST QUARTILE :	33.2	0.2223	0.7780	29.13	3.322	4.194	1.350
2ND QUARTILE :	63.3	0.7480	1.9830	86.98	9.562	9.385	2.860
3RD QUARTILE :	85.1	1.3406	3.3891	127.55	13.511	32.461	6.090

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	5.000	4.000	4.000	4.000	4.000	5.0000	4.0000
MAXIMUM :	93.890	5.725	8.015	6.870	71.906	2.0536	0.4580
MINIMUM :	1.320	0.906	0.000	2.313	1.872	0.0661	0.0302
RANGE :	92.570	4.819	8.015	4.557	70.034	1.9875	0.4278
ARITH. MEAN :	30.392	2.413	3.866	4.275	27.213	1.0365	0.1681
ARITH. STD. DEV :	36.608	2.259	3.473	2.150	30.768	0.8181	0.1982
GEOM. MEAN :	14.860	1.808	3.124	3.871	14.188	0.6246	0.0987
GEOM. STD. DEV. :	4.742	2.318	1.895	1.679	4.537	4.0287	3.2897
1ST QUARTILE :	6.380	0.973	1.157	2.516	8.426	0.2430	0.0411
2ND QUARTILE :	16.296	1.511	3.724	3.959	17.537	0.7300	0.0921
3RD QUARTILE :	22.656	3.854	6.574	6.035	46.000	1.3215	0.2951

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	4.0000	3.000	3.0000	4.0000	4.000	3.000	3.0000
MAXIMUM :	0.1145	0.373	2.7251	0.1812	0.229	4.809	0.2506
MINIMUM :	0.0302	0.189	0.4430	0.1040	0.060	1.248	0.0545
RANGE :	0.0843	0.185	2.2821	0.0772	0.169	3.561	0.1961
ARITH. MEAN :	0.0574	0.284	1.5782	0.1330	0.115	2.751	0.1605
ARITH. STD. DEV :	0.0393	0.093	1.1411	0.0342	0.079	1.844	0.0990
GEOM. MEAN :	0.0494	0.274	1.2367	0.1300	0.099	2.362	0.1341
GEOM. STD. DEV. :	1.8388	1.412	2.5373	1.2745	1.839	1.969	2.2226
1ST QUARTILE :	0.0316	********	********	0.1092	0.063	********	********
2ND QUARTILE :	0.0425	********	********	0.1233	0.085	********	********
3RD QUARTILE :	0.0832	********	********	0.1567	0.166	********	********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GERALDTON/CUMULATIVE PRECIP. #30

PERIOD OF REPORT : AUG 16, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	4.00000
MAXIMUM :	0.01322
MINIMUM :	0.00302
RANGE :	0.01020
ARITH. MEAN :	0.00805
ARITH. STD. DEV :	0.00504
GEOM. MEAN :	0.00673
GEOM. STD. DEV. :	2.04832
1ST QUARTILE :	0.00376
2ND QUARTILE :	0.00797
3RD QUARTILE :	0.01233

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	13.0000	13.00	13.000	11.000	13.000
MAXIMUM :	126.0	4.9410	8.6920	418.20	46.740	37.800	11.340
MINIMUM :	37.0	0.8717	1.1504	39.52	11.000	2.640	3.080
RANGE :	89.0	4.0693	7.5416	378.68	35.740	35.160	8.260
ARITH. MEAN :	65.7	2.5913	4.1820	166.80	25.876	14.808	6.667
ARITH. STD. DEV :	24.2	1.1503	2.1400	119.89	10.967	11.853	2.366
GEOM. MEAN :	62.2	2.3513	3.6859	129.65	23.726	10.236	6.283
GEOM. STD. DEV. :	1.4	1.6111	1.7176	2.13	1.557	2.635	1.439
1ST QUARTILE :	50.9	1.8052	2.5859	78.20	17.680	3.212	5.326
2ND QUARTILE :	56.2	2.4370	3.5002	106.37	22.865	12.092	5.785
3RD QUARTILE :	71.4	3.2814	4.6454	236.10	30.931	20.565	7.605

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	12.000	13.000	13.000	13.000	13.0000	13.0000
MAXIMUM :	48.160	5.040	6.720	6.862	41.820	1.3860	0.3780
MINIMUM :	4.256	0.304	0.000	1.120	1.094	0.1186	0.0220
RANGE :	43.904	4.736	6.720	5.742	40.726	1.2674	0.3560
ARITH. MEAN :	24.398	2.426	2.802	3.452	18.331	0.6026	0.1989
ARITH. STD. DEV :	16.327	1.601	1.913	1.999	14.309	0.3585	0.1268
GEOM. MEAN :	19.130	1.818	2.302	2.940	12.461	0.5044	0.1454
GEOM. STD. DEV. :	2.152	2.433	2.060	1.821	2.830	1.9285	2.6020
1ST QUARTILE :	11.953	0.916	1.358	1.792	7.362	0.3231	0.0751
2ND QUARTILE :	15.705	2.198	2.615	2.788	9.397	0.5210	0.1940
3RD QUARTILE :	38.275	3.870	3.212	4.145	27.580	0.6670	0.2860

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.0630	0.840	10.5800	0.9200	0.126	10.488	0.3667
MINIMUM :	0.0220	0.135	0.6204	0.1824	0.037	0.227	0.0471
RANGE :	0.0410	0.705	9.9596	0.7376	0.089	10.261	0.3196
ARITH. MEAN :	0.0366	0.321	2.8529	0.3553	0.066	2.838	0.1129
ARITH. STD. DEV :	0.0134	0.203	2.6912	0.1848	0.024	2.713	0.0966
GEOM. MEAN :	0.0346	0.276	2.0203	0.3263	0.062	1.849	0.0914
GEOM. STD. DEV. :	1.4071	1.732	2.3733	1.4882	1.396	2.839	1.8202
1ST QUARTILE :	0.0275	0.168	0.8787	0.2586	0.051	0.879	0.0650
2ND QUARTILE :	0.0289	0.267	2.0390	0.3050	0.056	2.283	0.0726
3RD QUARTILE :	0.0414	0.337	3.1794	0.3560	0.071	3.141	0.0949

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE PRECIP. #17

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.01840
MINIMUM :	0.00220
RANGE :	0.01620
ARITH. MEAN :	0.00512
ARITH. STD. DEV :	0.00463
GEOM. MEAN :	0.00406
GEOM. STD. DEV. :	1.87762
1ST QUARTILE :	0.00277
2ND QUARTILE :	0.00300
3RD QUARTILE :	0.00414

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	12.0000	12.00	12.000	12.000	12.000
MAXIMUM :	136.0	4.4506	5.4168	216.00	32.208	16.320	51.680
MINIMUM :	24.8	0.7891	1.5780	37.49	5.446	2.205	0.000
RANGE :	111.2	3.6615	3.8388	178.51	26.762	14.115	51.680
ARITH. MEAN :	56.8	1.7657	2.9962	96.07	14.436	7.077	7.625
ARITH. STD. DEV :	32.2	1.0509	1.1504	46.35	7.460	4.940	13.982
GEOM. MEAN :	50.2	1.5493	2.8074	87.20	12.895	5.589	4.125
GEOM. STD. DEV. :	1.6	1.6667	1.4556	1.58	1.639	2.070	2.377
1ST QUARTILE :	34.3	1.0412	2.0553	69.53	8.781	2.863	2.373
2ND QUARTILE :	46.1	1.3618	2.8068	84.53	12.920	4.900	4.486
3RD QUARTILE :	61.2	2.3985	3.6620	117.00	18.647	10.540	4.820

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	11.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	40.320	3.150	7.440	32.640	33.600	2.8200	0.2880
MINIMUM :	3.087	0.000	0.110	0.525	0.044	0.0294	0.0272
RANGE :	37.233	3.150	7.330	32.115	33.556	2.7906	0.2608
ARITH. MEAN :	16.461	1.138	2.160	4.420	11.714	0.7223	0.1034
ARITH. STD. DEV :	12.451	0.989	2.009	8.969	10.363	0.9629	0.0902
GEOM. MEAN :	12.410	0.971	1.415	1.938	5.941	0.3173	0.0762
GEOM. STD. DEV. :	2.251	1.990	3.013	3.057	5.816	4.1189	2.2043
1ST QUARTILE :	7.770	0.493	0.733	0.888	4.141	0.1184	0.0415
2ND QUARTILE :	10.804	0.663	1.601	2.079	8.753	0.2824	0.0542
3RD QUARTILE :	24.980	1.467	2.502	2.217	17.246	0.7995	0.1360

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	12.000	10.0000	12.0000	12.000	11.000	10.0000
MAXIMUM :	0.0743	0.941	5.9520	0.4200	0.136	5.616	0.1766
MINIMUM :	0.0192	0.172	0.4939	0.0194	0.025	0.794	0.0450
RANGE :	0.0550	0.769	5.4581	0.4006	0.111	4.822	0.1316
ARITH. MEAN :	0.0390	0.379	1.9629	0.2475	0.055	1.963	0.0853
ARITH. STD. DEV :	0.0190	0.257	1.6758	0.1296	0.033	1.722	0.0494
GEOM. MEAN :	0.0353	0.322	1.5074	0.1991	0.049	1.543	0.0755
GEOM. STD. DEV. :	1.5836	1.759	2.0968	2.3294	1.661	1.930	1.6418
1ST QUARTILE :	0.0230	0.205	0.8629	0.1551	0.034	0.932	0.0513
2ND QUARTILE :	0.0297	0.308	1.4715	0.2138	0.046	1.262	0.0628
3RD QUARTILE :	0.0506	0.391	1.8927	0.3684	0.061	1.567	0.0879

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE PRECIP. #25

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM HG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.01155
MINIMUM :	0.00194
RANGE :	0.00960
ARITH. MEAN :	0.00582
ARITH. STD. DEV :	0.00314
GEOM. MEAN :	0.00505
GEOM. STD. DEV. :	1.77527
1ST QUARTILE :	0.00283
2ND QUARTILE :	0.00502
3RD QUARTILE :	0.00781

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	11.0000	12.00	12.000	11.000	12.000
MAXIMUM :	130.1	7.1495	13.4523	702.54	83.264	107.672	19.515
MINIMUM :	19.0	0.3970	0.7334	49.40	8.170	13.300	3.420
RANGE :	111.1	6.7526	12.7189	653.14	75.094	94.372	16.095
ARITH. MEAN :	60.8	2.6372	4.2512	274.56	34.956	45.635	9.096
ARITH. STD. DEV :	40.1	1.8981	3.5567	180.14	20.118	28.173	4.573
GEOM. MEAN :	50.3	1.9646	3.1146	224.45	30.041	38.444	8.088
GEOM. STD. DEV. :	1.9	2.4544	2.3766	2.00	1.817	1.868	1.676
1ST QUARTILE :	30.4	0.8646	1.2144	149.40	22.458	21.445	5.827
2ND QUARTILE :	38.0	2.4629	3.5039	234.84	30.711	38.683	8.635
3RD QUARTILE :	70.3	3.2942	5.1265	373.35	41.750	57.024	11.400

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	12.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	97.575	17.528	5.204	7.338	88.468	1.6276	1.1268
MINIMUM :	7.220	2.375	0.047	0.475	4.978	0.2280	0.0760
RANGE :	90.355	15.153	5.156	6.863	83.490	1.3996	1.0508
ARITH. MEAN :	43.857	7.692	2.276	3.438	38.461	0.8312	0.3462
ARITH. STD. DEV :	27.109	4.706	1.628	2.256	24.200	0.5814	0.3082
GEOM. MEAN :	35.860	6.435	1.523	2.573	30.978	0.6363	0.2550
GEOM. STD. DEV. :	2.038	1.897	3.456	2.451	2.134	2.2070	2.2202
1ST QUARTILE :	26.850	4.365	1.327	1.479	22.800	0.3300	0.1500
2ND QUARTILE :	32.853	6.311	1.690	3.294	29.487	0.5487	0.2060
3RD QUARTILE :	66.487	11.590	3.334	4.865	54.674	1.4161	0.4927

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0680	1.302	33.5536	1.8780	0.130	29.798	0.1747
MINIMUM :	0.0150	0.123	0.8094	0.0950	0.019	1.041	0.0139
RANGE :	0.0530	1.179	32.7442	1.7830	0.111	28.757	0.1609
ARITH. MEAN :	0.0402	0.618	7.1366	0.5819	0.061	6.219	0.0775
ARITH. STD. DEV :	0.0212	0.310	9.0238	0.5035	0.042	8.590	0.0521
GEOM. MEAN :	0.0346	0.538	4.2225	0.4453	0.050	3.246	0.0617
GEOM. STD. DEV. :	1.8114	1.830	2.8377	2.1246	1.934	3.025	2.0982
1ST QUARTILE :	0.0190	0.439	2.0007	0.3232	0.030	1.465	0.0392
2ND QUARTILE :	0.0351	0.566	3.7897	0.4065	0.038	2.233	0.0536
3RD QUARTILE :	0.0619	0.797	8.8802	0.5682	0.099	8.474	0.1185

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE PRECIP. #06

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.06000
MINIMUM :	0.00154
RANGE :	0.05846
ARITH. MEAN :	0.01359
ARITH. STD. DEV :	0.01898
GEOM. MEAN :	0.00628
GEOM. STD. DEV. :	3.56192
1ST QUARTILE :	0.00191
2ND QUARTILE :	0.00515
3RD QUARTILE :	0.01276

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	12.0000	12.00	12.000	11.000	12.000
MAXIMUM :	157.0	8.4080	12.6072	481.95	67.320	33.660	13.770
MINIMUM :	14.9	0.8978	1.2367	39.48	7.897	2.384	0.000
RANGE :	142.1	7.5102	11.3705	442.46	59.423	31.276	13.770
ARITH. MEAN :	71.3	4.0785	6.4794	221.36	36.813	16.750	7.205
ARITH. STD. DEV :	42.6	1.8289	3.3400	124.34	16.503	11.154	3.949
GEOM. MEAN :	60.1	3.6344	5.6091	187.15	32.456	12.439	5.986
GEOM. STD. DEV. :	1.9	1.7407	1.8457	1.93	1.791	2.489	1.714
1ST QUARTILE :	39.6	3.3012	4.6605	138.12	23.312	4.989	5.120
2ND QUARTILE :	61.9	4.0166	5.8482	191.45	38.368	11.748	6.897
3RD QUARTILE :	80.4	4.7501	7.5507	311.66	45.165	24.830	9.783

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	11.000	12.000	11.000	12.000	12.0000	12.0000
MAXIMUM :	119.700	6.885	6.120	5.064	56.610	3.9900	0.3500
MINIMUM :	3.725	0.149	0.584	0.785	2.801	0.0184	0.0149
RANGE :	115.975	6.736	5.536	4.279	53.809	3.9716	0.3351
ARITH. MEAN :	35.732	2.863	2.817	2.673	26.979	0.8088	0.1772
ARITH. STD. DEV :	31.736	1.900	1.883	1.624	16.423	1.0703	0.1256
GEOM. MEAN :	25.891	2.126	2.157	2.203	21.465	0.4282	0.1233
GEOM. STD. DEV. :	2.400	2.725	2.269	1.968	2.246	3.7007	2.7836
1ST QUARTILE :	17.813	1.608	1.014	1.076	17.129	0.2755	0.0580
2ND QUARTILE :	23.308	2.228	2.973	1.851	22.084	0.4252	0.1660
3RD QUARTILE :	45.975	3.715	4.237	4.198	40.293	1.0196	0.3100

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	11.0000	12.0000	12.000	11.000	11.0000
MAXIMUM :	0.0844	1.729	7.9913	0.6280	0.157	9.687	0.2264
MINIMUM :	0.0074	0.246	0.8438	0.0745	0.015	0.933	0.0430
RANGE :	0.0769	1.482	7.1475	0.5535	0.142	8.754	0.1835
ARITH. MEAN :	0.0465	0.610	3.1180	0.3546	0.070	3.210	0.1079
ARITH. STD. DEV :	0.0290	0.395	2.2173	0.1708	0.044	2.582	0.0569
GEOM. MEAN :	0.0368	0.537	2.4726	0.2988	0.058	2.535	0.0955
GEOM. STD. DEV. :	2.1703	1.636	2.0790	2.0176	1.928	2.002	1.6774
1ST QUARTILE :	0.0234	0.369	1.0302	0.2480	0.040	1.409	0.0584
2ND QUARTILE :	0.0345	0.503	2.6195	0.3703	0.062	2.234	0.0896
3RD QUARTILE :	0.0772	0.654	3.5869	0.4869	0.081	3.953	0.1408

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE PRECIP. #23

PERIOD OF REPORT : JAN 5, 83 TO JAN 3,84 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.01558
MINIMUM	:	0.00074
RANGE	:	0.01483
ARITH. MEAN	:	0.00701
ARITH. STD. DEV	:	0.00446
GEOM. MEAN	:	0.00552
GEOM. STD. DEV.	:	2.27151
1ST QUARTILE	:	0.00371
2ND QUARTILE	:	0.00690
3RD QUARTILE	:	0.00816

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	9.0	6.0000	7.0000	8.00	8.000	7.000	8.000
MAXIMUM :	105.8	0.8166	2.2379	78.96	17.736	22.218	4.032
MINIMUM :	3.5	0.0375	0.3089	15.18	1.960	2.625	0.000
RANGE :	102.3	0.7790	1.9290	63.78	15.776	19.593	4.032
ARITH. MEAN :	46.1	0.3386	1.2694	47.38	9.969	8.756	1.616
ARITH. STD. DEV :	34.6	0.2889	0.6943	26.99	6.341	7.339	1.262
GEOM. MEAN :	30.2	0.2241	1.0714	38.96	7.592	6.511	1.473
GEOM. STD. DEV. :	3.2	3.0381	1.9851	2.05	2.423	2.296	1.815
1ST QUARTILE :	14.5	0.0861	0.5404	17.57	4.113	2.632	0.715
2ND QUARTILE :	33.8	0.2819	1.0018	53.56	10.153	4.908	1.434
3RD QUARTILE :	67.6	0.4423	1.7818	71.33	15.761	11.996	2.301

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	8.000	7.000	8.000	7.000	7.000	8.0000	6.0000
MAXIMUM :	45.079	3.703	4.803	3.808	30.299	2.4387	0.4232
MINIMUM :	2.240	0.227	0.112	0.455	0.000	0.0000	0.0448
RANGE :	42.839	3.476	4.691	3.353	30.299	2.4387	0.3784
ARITH. MEAN :	16.059	1.503	2.074	1.555	12.469	0.6258	0.1823
ARITH. STD. DEV :	15.600	1.153	1.785	1.268	11.973	0.8088	0.1479
GEOM. MEAN :	9.657	1.124	1.148	1.145	6.780	0.4258	0.1351
GEOM. STD. DEV. :	3.120	2.446	3.964	2.360	3.083	3.5252	2.3944
1ST QUARTILE :	3.732	0.444	0.365	0.491	0.944	0.0951	0.0521
2ND QUARTILE :	10.731	1.162	1.974	0.786	7.219	0.3873	0.1353
3RD QUARTILE :	26.113	1.803	3.498	2.260	20.329	0.8012	0.2173

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	6.0000	6.000	6.0000	6.0000	6.000	6.000	6.0000
MAXIMUM :	0.2116	0.190	11.3285	0.6651	0.106	4.323	0.0834
MINIMUM :	0.0033	0.021	0.4132	0.0198	0.007	0.381	0.0070
RANGE :	0.2083	0.169	10.9153	0.6453	0.099	3.942	0.0764
ARITH. MEAN :	0.0682	0.125	3.9834	0.1761	0.057	2.961	0.0514
ARITH. STD. DEV :	0.0756	0.059	3.9652	0.2487	0.036	1.664	0.0252
GEOM. MEAN :	0.0372	0.103	2.4924	0.0868	0.042	2.268	0.0413
GEOM. STD. DEV. :	4.0212	2.264	3.1687	3.5031	2.840	2.628	2.4473
1ST QUARTILE :	0.0181	0.062	0.8103	0.0323	0.014	0.918	0.0268
2ND QUARTILE :	0.0358	0.137	2.8634	0.0593	0.068	3.706	0.0545
3RD QUARTILE :	0.0633	0.149	4.1850	0.1371	0.072	4.181	0.0601

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE PRECIP. #33

PERIOD OF REPORT : MAR 1, 83 TO JAN 3,84

		CADMIUM MG/M**2
# OF SAMPLES	:	6.00000
MAXIMUM	:	0.01974
MINIMUM	:	0.00033
RANGE	:	0.01941
ARITH. MEAN	:	0.00619
ARITH. STD. DEV	:	0.00709
GEOM. MEAN	:	0.00316
GEOM. STD. DEV.	:	4.24406
1ST QUARTILE	:	0.00072
2ND QUARTILE	:	0.00449
3RD QUARTILE	:	0.00612

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	12.0000	12.00	12.000	11.000	11.000
MAXIMUM :	162.0	4.7112	8.5728	599.40	42.120	18.240	8.502
MINIMUM :	28.0	1.4033	2.4090	41.25	11.220	1.980	3.300
RANGE :	134.0	3.3078	6.1638	558.15	30.900	16.260	5.202
ARITH. MEAN :	73.1	2.7704	4.5570	200.19	22.795	10.827	6.077
ARITH. STD. DEV :	38.4	1.1558	2.0306	157.46	9.744	6.248	1.587
GEOM. MEAN :	64.8	2.5660	4.1988	154.68	20.954	8.652	5.875
GEOM. STD. DEV. :	1.7	1.5054	1.5120	2.13	1.539	2.185	1.323
1ST QUARTILE :	40.9	1.6674	3.1856	110.47	14.463	3.525	4.540
2ND QUARTILE :	68.1	2.4717	3.9259	131.21	21.369	9.975	6.018
3RD QUARTILE :	74.0	3.3619	5.4404	257.80	31.349	16.860	6.660

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	11.000	12.000	12.0000	12.0000
MAXIMUM :	44.840	3.800	4.230	7.200	35.532	16.2000	2.2680
MINIMUM :	2.970	0.082	0.000	0.380	3.168	0.0000	0.0330
RANGE :	41.870	3.717	4.230	6.820	32.364	16.2000	2.2350
ARITH. MEAN :	22.769	1.586	2.140	2.710	15.695	2.1286	0.3561
ARITH. STD. DEV :	13.119	1.160	1.539	1.828	9.983	4.4908	0.6129
GEOM. MEAN :	18.538	1.114	1.703	2.158	12.583	0.9158	0.1837
GEOM. STD. DEV. :	2.143	2.881	2.337	2.166	2.092	3.5164	2.8936
1ST QUARTILE :	12.546	0.642	0.401	1.207	7.088	0.4344	0.1041
2ND QUARTILE :	17.091	1.324	2.000	2.202	14.611	0.8343	0.1700
3RD QUARTILE :	33.740	2.085	3.593	3.412	21.548	1.1977	0.2730

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	10.000	10.0000	12.0000	12.000	11.000	10.0000
MAXIMUM :	1.4580	0.496	10.7160	2.5920	0.162	28.512	0.2528
MINIMUM :	0.0140	0.131	0.4587	0.0660	0.028	0.574	0.0442
RANGE :	1.4440	0.365	10.2573	2.5260	0.134	27.938	0.2085
ARITH. MEAN :	0.1526	0.246	3.9417	0.4295	0.076	5.701	0.1139
ARITH. STD. DEV :	0.4113	0.121	3.2797	0.6909	0.039	7.902	0.0735
GEOM. MEAN :	0.0429	0.224	2.8353	0.2516	0.067	3.358	0.0954
GEOM. STD. DEV. :	3.2923	1.551	2.4886	2.4874	1.669	2.748	1.8599
1ST QUARTILE :	0.0260	0.159	1.6404	0.1428	0.052	1.764	0.0557
2ND QUARTILE :	0.0356	0.191	3.0300	0.2287	0.071	2.949	0.0864
3RD QUARTILE :	0.0425	0.272	4.2355	0.3482	0.085	5.289	0.1473

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE PRECIP. #22

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.01880
MINIMUM :	0.00165
RANGE :	0.01715
ARITH. MEAN :	0.00540
ARITH. STD. DEV :	0.00543
GEOM. MEAN :	0.00400
GEOM. STD. DEV. :	2.07290
1ST QUARTILE :	0.00243
2ND QUARTILE :	0.00340
3RD QUARTILE :	0.00370

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	12.000	12.000
MAXIMUM :	180.0	9.0214	15.9120	648.00	88.200	52.200	28.910
MINIMUM :	30.0	0.8631	2.2851	83.40	10.387	1.112	0.000
RANGE :	150.0	8.1583	13.6269	564.60	77.813	51.088	28.910
ARITH. MEAN :	85.5	3.8716	6.1981	241.25	36.882	19.951	11.065
ARITH. STD. DEV :	49.4	2.1771	3.6491	164.23	20.234	15.559	7.988
GEOM. MEAN :	73.7	3.2822	5.4170	200.06	32.299	13.625	8.406
GEOM. STD. DEV. :	1.8	1.8880	1.6950	1.87	1.727	2.887	1.848
1ST QUARTILE :	56.7	2.0832	3.6522	116.31	24.382	8.823	6.150
2ND QUARTILE :	65.4	3.5162	4.6033	176.52	30.809	14.710	9.192
3RD QUARTILE :	96.9	4.7737	7.0658	252.00	42.063	32.300	15.300

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	12.000	12.000	12.000	12.000	13.0000	12.0000
MAXIMUM :	82.800	9.000	9.000	17.759	68.400	3.4200	0.7200
MINIMUM :	17.346	0.000	0.312	0.600	13.789	0.2670	0.0413
RANGE :	65.454	9.000	8.688	17.159	54.611	3.1530	0.6787
ARITH. MEAN :	34.429	3.531	3.065	5.381	28.726	0.8183	0.2319
ARITH. STD. DEV :	18.822	3.022	2.319	4.643	16.273	0.8287	0.2015
GEOM. MEAN :	30.896	2.622	2.265	3.871	25.334	0.6323	0.1661
GEOM. STD. DEV. :	1.583	2.263	2.493	2.481	1.663	1.9284	2.3989
1ST QUARTILE :	20.478	1.570	1.922	3.125	16.309	0.3969	0.0846
2ND QUARTILE :	29.850	2.322	2.589	4.019	24.147	0.5270	0.1803
3RD QUARTILE :	31.701	5.925	3.600	6.461	36.398	0.6936	0.2980

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	11.0000	12.0000	12.000	11.000	11.0000
MAXIMUM :	0.1068	0.767	13.3500	0.9000	0.180	13.243	0.4536
MINIMUM :	0.0150	0.246	1.2010	0.2400	0.030	0.670	0.0494
RANGE :	0.0918	0.520	12.1490	0.6600	0.150	12.573	0.4042
ARITH. MEAN :	0.0539	0.448	3.9079	0.4276	0.088	3.662	0.1154
ARITH. STD. DEV :	0.0318	0.180	3.6620	0.2123	0.051	3.613	0.1161
GEOM. MEAN :	0.0445	0.416	2.9122	0.3876	0.075	2.673	0.0899
GEOM. STD. DEV. :	1.9731	1.499	2.1291	1.5655	1.806	2.213	1.9043
1ST QUARTILE :	0.0300	0.267	1.4553	0.2600	0.057	1.649	0.0514
2ND QUARTILE :	0.0453	0.401	2.2020	0.3733	0.070	2.370	0.0822
3RD QUARTILE :	0.0858	0.580	4.1115	0.5261	0.118	3.150	0.1072

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE PRECIP. #21

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

		CADMIUM MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.01652
MINIMUM	:	0.00150
RANGE	:	0.01502
ARITH. MEAN	:	0.00689
ARITH. STD. DEV	:	0.00475
GEOM. MEAN	:	0.00530
GEOM. STD. DEV.	:	2.23987
1ST QUARTILE	:	0.00300
2ND QUARTILE	:	0.00628
3RD QUARTILE	:	0.00984

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	12.000	13.000
MAXIMUM :	122.0	5.4495	8.9890	556.40	61.410	127.920	30.400
MINIMUM :	25.0	0.4655	1.4300	133.90	24.250	26.780	2.400
RANGE :	97.0	4.9840	7.5590	422.50	37.160	101.140	28.000
ARITH. MEAN :	64.6	2.9603	4.8926	282.20	38.565	54.781	15.882
ARITH. STD. DEV :	32.1	1.3375	2.0695	139.01	13.098	29.689	7.780
GEOM. MEAN :	57.0	2.5933	4.4486	254.85	36.686	49.118	13.570
GEOM. STD. DEV. :	1.7	1.8483	1.6173	1.59	1.383	1.594	1.943
1ST QUARTILE :	35.0	2.0598	3.4412	187.85	28.230	35.375	9.625
2ND QUARTILE :	55.0	2.7072	4.2794	226.62	34.105	43.540	15.120
3RD QUARTILE :	82.5	3.2825	6.0514	316.35	40.340	68.140	19.165

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	12.000	13.000	13.000	13.000	13.0000	13.0000
MAXIMUM :	87.360	24.960	12.460	16.340	64.480	4.6800	0.8320
MINIMUM :	12.920	5.330	0.650	1.050	4.560	0.1010	0.1820
RANGE :	74.440	19.630	11.810	15.290	59.920	4.5790	0.6500
ARITH. MEAN :	31.886	10.260	3.600	7.081	26.458	1.0328	0.3766
ARITH. STD. DEV :	20.473	5.750	3.541	5.174	18.186	1.3456	0.1913
GEOM. MEAN :	27.328	9.193	2.591	5.057	21.096	0.5636	0.3391
GEOM. STD. DEV. :	1.749	1.584	2.226	2.575	2.075	3.0778	1.5927
1ST QUARTILE :	16.315	6.835	1.662	2.450	12.841	0.3340	0.2270
2ND QUARTILE :	27.230	7.537	2.060	4.935	20.701	0.4625	0.2900
3RD QUARTILE :	35.285	12.185	3.125	10.010	28.009	0.8880	0.4385

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	12.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.3660	3.002	13.2060	0.6240	0.122	14.626	0.1398
MINIMUM :	0.0125	0.252	2.7900	0.2450	0.025	2.720	0.0369
RANGE :	0.3535	2.750	10.4160	0.3790	0.097	11.906	0.1029
ARITH. MEAN :	0.0843	0.706	6.2618	0.4137	0.065	6.274	0.0754
ARITH. STD. DEV :	0.1228	0.720	3.5651	0.1326	0.032	4.057	0.0319
GEOM. MEAN :	0.0435	0.552	5.4850	0.3934	0.057	5.247	0.0695
GEOM. STD. DEV. :	2.9434	1.873	1.6863	1.3984	1.707	1.841	1.5262
1ST QUARTILE :	0.0202	0.396	3.7879	0.2770	0.035	2.892	0.0482
2ND QUARTILE :	0.0327	0.452	4.7892	0.4230	0.055	4.150	0.0675
3RD QUARTILE :	0.0512	0.564	8.8703	0.4780	0.082	7.853	0.0875

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE PRECIP. #02

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.03120
MINIMUM :	0.00260
RANGE :	0.02860
ARITH. MEAN :	0.00925
ARITH. STD. DEV :	0.00812
GEOM. MEAN :	0.00712
GEOM. STD. DEV. :	2.03309
1ST QUARTILE :	0.00427
2ND QUARTILE :	0.00605
3RD QUARTILE :	0.00825

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	7.0000	12.0000	13.00	12.000	10.000	13.000
MAXIMUM :	104.0	4.9812	6.3648	545.40	57.570	129.600	75.582
MINIMUM :	17.0	0.4270	0.7290	40.70	9.520	10.710	5.270
RANGE :	87.0	4.5542	5.6358	504.70	48.050	118.890	70.312
ARITH. MEAN :	62.2	2.1875	2.7922	277.46	37.782	65.639	21.441
ARITH. STD. DEV :	27.9	1.7612	1.9878	156.81	13.213	40.034	18.006
GEOM. MEAN :	55.5	1.6071	2.1583	222.72	34.734	52.829	17.050
GEOM. STD. DEV. :	1.7	2.4136	2.1695	2.21	1.623	2.153	1.966
1ST QUARTILE :	42.5	0.6271	1.0245	183.60	31.320	31.519	10.095
2ND QUARTILE :	53.5	1.2772	2.5418	243.83	40.215	56.865	16.285
3RD QUARTILE :	76.5	3.2613	3.9749	349.20	44.496	83.560	22.120

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	7.000	13.000	13.000	13.000	12.0000	12.0000
MAXIMUM :	69.690	36.400	18.720	40.698	114.400	1.2960	0.8640
MINIMUM :	7.310	4.250	0.242	1.440	5.542	0.1190	0.0680
RANGE :	62.380	32.150	18.478	39.258	108.858	1.1770	0.7960
ARITH. MEAN :	36.967	17.538	3.586	8.697	35.272	0.7769	0.4442
ARITH. STD. DEV :	20.146	10.791	4.742	10.535	29.438	0.3793	0.2453
GEOM. MEAN :	30.995	14.545	2.139	5.646	25.865	0.6405	0.3728
GEOM. STD. DEV. :	1.972	2.019	2.888	2.476	2.364	2.1521	1.9862
1ST QUARTILE :	23.030	7.120	0.992	3.170	18.281	0.5870	0.2793
2ND QUARTILE :	35.145	13.376	2.792	4.770	23.595	0.7950	0.3810
3RD QUARTILE :	52.800	22.685	3.420	7.892	41.880	1.0505	0.5965

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	11.0000	12.0000	12.000	11.000	12.0000
MAXIMUM :	0.0520	1.799	10.7040	1.0659	0.104	8.580	0.9152
MINIMUM :	0.0085	0.279	0.5780	0.1620	0.017	0.488	0.0204
RANGE :	0.0435	1.520	10.1260	0.9039	0.087	8.092	0.8948
ARITH. MEAN :	0.0342	0.643	4.0899	0.4911	0.064	3.338	0.1382
ARITH. STD. DEV :	0.0144	0.405	2.8518	0.2880	0.028	2.903	0.2464
GEOM. MEAN :	0.0304	0.562	3.2362	0.4125	0.057	2.327	0.0764
GEOM. STD. DEV. :	1.7493	1.678	2.1626	1.8932	1.722	2.528	2.4951
1ST QUARTILE :	0.0257	0.365	2.0893	0.2085	0.049	1.068	0.0488
2ND QUARTILE :	0.0347	0.610	3.1195	0.4510	0.061	2.256	0.0607
3RD QUARTILE :	0.0482	0.746	5.2897	0.7240	0.089	4.283	0.0993

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE PRECIP. #10

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01040
MINIMUM :	0.00170
RANGE :	0.00870
ARITH. MEAN :	0.00468
ARITH. STD. DEV :	0.00277
GEOM. MEAN :	0.00406
GEOM. STD. DEV. :	1.72722
1ST QUARTILE :	0.00265
2ND QUARTILE :	0.00382
3RD QUARTILE :	0.00530

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	12.0000	12.00	13.000	11.000	13.000
MAXIMUM :	160.0	2.4033	15.2960	232.00	28.800	28.800	16.250
MINIMUM :	1.7	0.1073	1.3600	42.02	1.105	3.339	0.000
RANGE :	158.3	2.2961	13.9360	189.97	27.695	25.461	16.250
ARITH. MEAN :	60.1	1.4487	3.7489	114.37	13.129	12.297	5.942
ARITH. STD. DEV :	38.6	0.6977	3.7186	63.48	7.493	6.725	5.503
GEOM. MEAN :	43.9	1.1361	2.9955	99.16	10.392	10.836	3.884
GEOM. STD. DEV. :	3.0	2.5299	1.8159	1.76	2.344	1.715	2.668
1ST QUARTILE :	39.6	1.1952	2.1483	70.90	9.243	8.461	2.052
2ND QUARTILE :	49.5	1.5434	2.8043	96.19	11.235	10.377	3.700
3RD QUARTILE :	70.7	1.8847	3.3238	151.20	16.645	13.100	7.219

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6, 83 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	11.000	11.000	12.000	12.0000	13.0000
MAXIMUM :	41.600	6.175	7.200	9.156	38.400	0.9880	0.3200
MINIMUM :	1.445	0.136	0.221	0.500	0.901	0.0185	0.0119
RANGE :	40.155	6.039	6.979	8.656	37.499	0.9694	0.3081
ARITH. MEAN :	12.743	2.090	2.228	3.973	10.474	0.3747	0.1231
ARITH. STD. DEV :	11.223	1.610	2.051	3.226	10.123	0.3517	0.0825
GEOM. MEAN :	9.410	1.505	1.355	2.697	7.148	0.1940	0.0924
GEOM. STD. DEV. :	2.313	2.660	3.256	2.691	2.617	4.0438	2.4871
1ST QUARTILE :	7.199	1.231	0.298	1.182	4.610	0.0585	0.0698
2ND QUARTILE :	8.249	1.485	1.855	2.142	6.483	0.3041	0.0949
3RD QUARTILE :	13.604	2.991	2.870	6.825	13.965	0.6700	0.1560

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6, 83 TO JAN 4,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	12.000	12.0000	13.0000	13.000	12.000	12.0000
MAXIMUM :	0.0900	0.497	4.4160	1.7600	0.160	3.360	0.2352
MINIMUM :	0.0008	0.025	0.1238	0.0170	0.002	0.206	0.0064
RANGE :	0.0891	0.472	4.2922	1.7430	0.158	3.154	0.2288
ARITH. MEAN :	0.0450	0.222	1.6863	0.2638	0.060	1.782	0.0994
ARITH. STD. DEV :	0.0279	0.155	1.2087	0.4600	0.039	1.083	0.0694
GEOM. MEAN :	0.0319	0.165	1.1932	0.1224	0.044	1.396	0.0741
GEOM. STD. DEV. :	3.3012	2.465	2.7900	3.4499	2.987	2.289	2.5656
1ST QUARTILE :	0.0247	0.109	0.9603	0.0450	0.040	1.007	0.0567
2ND QUARTILE :	0.0353	0.187	1.4055	0.1391	0.049	1.620	0.0765
3RD QUARTILE :	0.0576	0.343	2.4090	0.1956	0.071	2.752	0.1402

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE PRECIP. #27

PERIOD OF REPORT : JAN 6, 83 TO JAN 4,84

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.02597
MINIMUM :	0.00034
RANGE :	0.02563
ARITH. MEAN :	0.00647
ARITH. STD. DEV :	0.00651
GEOM. MEAN :	0.00434
GEOM. STD. DEV. :	2.76164
1ST QUARTILE :	0.00287
2ND QUARTILE :	0.00390
3RD QUARTILE :	0.00821

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4, 83 TO JUL 19,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	7.0	6.0000	6.0000	7.00	7.000	6.000	7.000
MAXIMUM :	73.5	1.0871	3.9236	243.96	29.532	16.264	8.560
MINIMUM :	18.6	0.0141	0.3311	13.95	1.116	1.666	1.360
RANGE :	54.9	1.0730	3.5925	230.01	28.416	14.598	7.200
ARITH. MEAN :	34.0	0.5098	1.7521	73.01	10.420	8.105	4.543
ARITH. STD. DEV :	19.3	0.4661	1.3807	82.49	9.831	6.455	2.537
GEOM. MEAN :	30.4	0.2464	1.2678	46.20	6.970	5.707	3.885
GEOM. STD. DEV. :	1.6	5.3293	2.5708	2.71	2.826	2.682	1.889
1ST QUARTILE :	20.3	0.0575	0.4520	18.88	2.938	1.823	1.890
2ND QUARTILE :	23.4	0.4206	1.4681	30.80	6.256	6.642	3.593
3RD QUARTILE :	38.4	0.8106	2.2860	83.87	12.509	11.809	6.137

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4, 83 TO JUL 19,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	7.000	6.000	7.000	6.000	7.000	7.0000	6.0000
MAXIMUM :	34.668	1.837	1.837	7.704	26.019	0.8988	0.2940
MINIMUM :	2.232	0.059	0.055	0.680	0.037	0.0735	0.0110
RANGE :	32.436	1.778	1.782	7.024	25.982	0.8253	0.2830
ARITH. MEAN :	13.199	1.043	0.895	2.675	8.935	0.3505	0.0978
ARITH. STD. DEV :	12.787	0.781	0.693	2.563	11.558	0.2721	0.1132
GEOM. MEAN :	8.688	0.617	0.563	1.984	2.389	0.2697	0.0505
GEOM. STD. DEV. :	2.724	4.042	3.509	2.248	9.966	2.2595	3.7028
1ST QUARTILE :	3.316	0.140	0.167	1.075	0.280	0.1027	0.0148
2ND QUARTILE :	6.823	1.215	0.606	1.658	2.516	0.2875	0.0459
3RD QUARTILE :	18.725	1.646	1.442	2.274	15.467	0.3871	0.1196

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4, 83 TO JUL 19,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/**2	MG/M**2	MG/M**2
# OF SAMPLES :	6.0000	6.000	6.0000	6.0000	6.000	6.000	6.0000
MAXIMUM :	0.0428	0.402	4.2757	0.3852	0.073	5.692	0.0809
MINIMUM :	0.0093	0.067	0.5236	0.0372	0.019	0.513	0.0298
RANGE :	0.0335	0.335	3.7521	0.3480	0.055	5.180	0.0511
ARITH. MEAN :	0.0215	0.146	2.0713	0.1544	0.036	2.020	0.0471
ARITH. STD. DEV :	0.0145	0.128	1.5939	0.1288	0.021	2.020	0.0195
GEOM. MEAN :	0.0179	0.117	1.5685	0.1167	0.032	1.377	0.0442
GEOM. STD. DEV. :	1.9155	1.933	2.3252	2.2813	1.666	2.558	1.4593
1ST QUARTILE :	0.0101	0.071	0.6358	0.0543	0.020	0.551	0.0316
2ND QUARTILE :	0.0144	0.100	1.5255	0.1060	0.029	1.142	0.0397
3RD QUARTILE :	0.0269	0.124	2.7120	0.1652	0.038	2.113	0.0504

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE PRECIP. #30A

PERIOD OF REPORT : JAN 4, 83 TO JUL 19,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	6.00000
MAXIMUM :	0.01284
MINIMUM :	0.00093
RANGE :	0.01191
ARITH. MEAN :	0.00412
ARITH. STD. DEV :	0.00449
GEOM. MEAN :	0.00270
GEOM. STD. DEV. :	2.66017
1ST QUARTILE :	0.00106
2ND QUARTILE :	0.00269
3RD QUARTILE :	0.00404

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	10.0000	11.0000	11.00	11.000	10.000	11.000
MAXIMUM :	120.0	2.7231	5.9280	390.00	50.400	57.600	19.520
MINIMUM :	25.0	0.4715	1.0664	46.25	10.750	5.000	0.000
RANGE :	95.0	2.2516	4.8616	343.75	39.650	52.600	19.520
ARITH. MEAN :	53.5	1.4994	2.7780	178.65	27.737	28.777	8.254
ARITH. STD. DEV :	28.9	0.8135	1.4968	99.58	10.553	15.337	4.898
GEOM. MEAN :	47.2	1.2921	2.4369	153.91	25.881	24.474	6.864
GEOM. STD. DEV. :	1.7	1.8181	1.7218	1.81	1.496	1.954	1.574
1ST QUARTILE :	27.5	0.7002	1.4358	98.42	21.035	19.515	4.470
2ND QUARTILE :	43.0	1.4167	2.2830	155.87	23.475	24.790	7.855
3RD QUARTILE :	68.5	1.8576	3.5707	209.00	33.435	32.240	9.365

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	10.000	10.000	10.000	11.000	11.0000	10.0000
MAXIMUM :	66.000	13.545	4.945	11.285	54.000	2.7950	0.6000
MINIMUM :	8.500	1.625	0.125	1.375	7.500	0.0560	0.0500
RANGE :	57.500	11.920	4.820	9.910	46.500	2.7390	0.5500
ARITH. MEAN :	37.641	7.723	2.710	4.892	30.674	1.1095	0.2278
ARITH. STD. DEV :	18.670	3.217	1.732	2.729	14.975	1.0373	0.1640
GEOM. MEAN :	32.481	6.887	1.862	4.256	26.686	0.6717	0.1851
GEOM. STD. DEV. :	1.861	1.779	3.177	1.777	1.821	3.2615	1.9842
1ST QUARTILE :	19.145	5.698	0.845	2.950	16.035	0.2720	0.1240
2ND QUARTILE :	33.530	8.102	2.685	4.522	31.090	0.7100	0.1785
3RD QUARTILE :	52.260	8.680	4.035	5.822	40.155	1.7260	0.2105

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	10.0000	10.0000	10.000	10.000	10.0000
MAXIMUM :	0.0610	1.208	10.6080	0.4800	0.120	10.104	0.1058
MINIMUM :	0.0125	0.232	0.6275	0.1250	0.025	0.792	0.0300
RANGE :	0.0485	0.976	9.9805	0.3550	0.095	9.312	0.0758
ARITH. MEAN :	0.0348	0.491	3.5772	0.2683	0.052	3.661	0.0665
ARITH. STD. DEV :	0.0189	0.312	3.1473	0.1218	0.030	3.093	0.0276
GEOM. MEAN :	0.0301	0.424	2.6785	0.2446	0.046	2.806	0.0610
GEOM. STD. DEV. :	1.7937	1.715	2.2081	1.5760	1.701	2.115	1.5739
1ST QUARTILE :	0.0177	0.279	1.7577	0.1610	0.027	1.774	0.0372
2ND QUARTILE :	0.0310	0.365	2.6438	0.2290	0.043	2.478	0.0642
3RD QUARTILE :	0.0477	0.548	2.8980	0.3410	0.065	3.118	0.0876

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE PRECIP. #08

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.04880
MINIMUM :	0.00140
RANGE :	0.04740
ARITH. MEAN :	0.01068
ARITH. STD. DEV :	0.01405
GEOM. MEAN :	0.00653
GEOM. STD. DEV. :	2.64282
1ST QUARTILE :	0.00362
2ND QUARTILE :	0.00560
3RD QUARTILE :	0.00945

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	10.0	7.0000	9.0000	10.00	10.000	7.000	10.000
MAXIMUM :	160.0	1.6151	4.1600	123.95	22.400	24.000	9.825
MINIMUM :	8.4	0.0501	0.3021	4.55	0.364	1.092	0.520
RANGE :	151.6	1.5650	3.8579	119.40	22.036	22.908	9.305
ARITH. MEAN :	40.7	0.5489	1.2033	45.50	7.067	6.646	3.893
ARITH. STD. DEV :	45.4	0.6157	1.3030	42.42	6.622	8.191	2.729
GEOM. MEAN :	27.4	0.2863	0.7940	29.86	4.410	3.972	2.969
GEOM. STD. DEV. :	2.4	3.7022	2.4903	2.76	3.217	2.830	2.354
1ST QUARTILE :	11.9	0.0661	0.3909	15.75	2.185	1.581	1.568
2ND QUARTILE :	25.8	0.2561	0.5331	23.64	4.581	2.675	3.911
3RD QUARTILE :	39.5	0.7915	1.0464	57.82	9.132	7.005	4.620

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	7.000	7.000	6.000	10.000	10.0000	9.0000
MAXIMUM :	30.400	3.200	7.560	6.223	24.320	2.8980	0.3200
MINIMUM :	3.275	0.182	0.000	1.050	0.000	0.1962	0.0327
RANGE :	27.125	3.018	7.560	5.173	24.320	2.7018	0.2873
ARITH. MEAN :	13.019	1.303	2.455	2.702	6.764	0.8323	0.1174
ARITH. STD. DEV :	11.038	1.132	2.927	1.975	8.108	0.8692	0.1129
GEOM. MEAN :	9.036	0.815	1.464	2.211	3.415	0.5629	0.0813
GEOM. STD. DEV. :	2.504	3.180	3.495	1.969	3.471	2.4273	2.4167
1ST QUARTILE :	3.575	0.200	0.082	1.207	0.689	0.2590	0.0350
2ND QUARTILE :	7.116	0.856	1.192	1.937	3.183	0.4350	0.0638
3RD QUARTILE :	20.785	1.905	3.537	3.050	8.416	0.8560	0.1045

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	9.000	7.0000	10.0000	10.000	7.000	9.0000
MAXIMUM :	0.0840	0.444	2.7680	0.2220	0.160	2.960	0.1810
MINIMUM :	0.0042	0.059	0.3513	0.0042	0.008	0.553	0.0288
RANGE :	0.0798	0.385	2.4167	0.2178	0.152	2.407	0.1522
ARITH. MEAN :	0.0372	0.177	1.4374	0.0835	0.041	1.339	0.0794
ARITH. STD. DEV :	0.0270	0.123	0.8234	0.0694	0.045	0.819	0.0609
GEOM. MEAN :	0.0277	0.145	1.2127	0.0508	0.027	1.159	0.0618
GEOM. STD. DEV. :	2.4600	1.933	1.9695	3.5425	2.435	1.772	2.0948
1ST QUARTILE :	0.0158	0.083	0.6193	0.0209	0.012	0.604	0.0294
2ND QUARTILE :	0.0327	0.121	1.1582	0.0774	0.026	1.060	0.0507
3RD QUARTILE :	0.0443	0.205	1.8695	0.1066	0.039	1.543	0.0877

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE PRECIP. #36

PERIOD OF REPORT : FEB 1, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.01480
MINIMUM :	0.00091
RANGE :	0.01389
ARITH. MEAN :	0.00440
ARITH. STD. DEV :	0.00420
GEOM. MEAN :	0.00318
GEOM. STD. DEV. :	2.28466
1ST QUARTILE :	0.00170
2ND QUARTILE :	0.00289
3RD QUARTILE :	0.00432

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	13.0000	13.00	12.000	13.000	13.000
MAXIMUM :	213.0	13.1335	24.6228	1107.60	119.280	107.100	38.700
MINIMUM :	27.0	1.0580	1.2416	96.80	16.720	17.690	2.900
RANGE :	186.0	12.0755	23.3812	1010.80	102.560	89.410	35.800
ARITH. MEAN :	72.6	4.2376	6.1251	310.79	40.612	44.654	17.309
ARITH. STD. DEV :	52.0	3.3272	6.1068	264.50	27.055	28.630	11.573
GEOM. MEAN :	59.9	3.3558	4.4909	251.43	35.411	37.655	13.672
GEOM. STD. DEV. :	1.9	2.0464	2.1790	1.86	1.660	1.811	2.139
1ST QUARTILE :	33.5	1.7639	2.5012	159.57	28.665	22.805	7.785
2ND QUARTILE :	58.5	3.4528	3.8124	228.05	32.150	31.970	14.160
3RD QUARTILE :	81.5	4.9376	6.5035	281.70	42.970	52.270	19.648

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	12.0000
MAXIMUM :	123.540	22.500	14.400	21.600	112.890	9.5400	0.8520
MINIMUM :	16.720	2.900	0.660	0.870	0.000	0.0590	0.1450
RANGE :	106.820	19.600	13.740	20.730	112.890	9.4810	0.7070
ARITH. MEAN :	44.085	8.538	4.521	6.211	32.902	2.1291	0.3670
ARITH. STD. DEV :	35.127	5.980	3.951	5.822	29.514	2.7580	0.2377
GEOM. MEAN :	35.353	6.953	3.200	4.047	21.727	0.9677	0.3113
GEOM. STD. DEV. :	1.900	1.925	2.430	2.784	2.044	4.1032	1.7851
1ST QUARTILE :	22.545	3.807	1.612	1.530	17.250	0.4160	0.1960
2ND QUARTILE :	27.585	5.835	2.640	4.567	22.914	0.7335	0.2930
3RD QUARTILE :	36.080	11.272	5.515	6.938	33.335	2.6323	0.4380

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	13.000	12.0000	1: 0000	13.000	12.000	13.0000
MAXIMUM :	0.1760	1.101	9.8832	1.4910	0.213	15.102	0.1580
MINIMUM :	0.0135	0.255	1.5979	0.1900	0.027	1.589	0.0322
RANGE :	0.1625	0.847	8.2853	1.3010	0.186	13.513	0.1258
ARITH. MEAN :	0.0519	0.528	4.7805	0.4901	0.073	5.510	0.0805
ARITH. STD. DEV :	0.0494	0.228	2.8047	0.3176	0.052	4.324	0.0398
GEOM. MEAN :	0.0365	0.489	4.0784	0.4335	0.060	4.293	0.0721
GEOM. STD. DEV. :	2.3571	1.495	1.8166	1.6083	1.873	2.058	1.6321
1ST QUARTILE :	0.0167	0.358	2.6368	0.3490	0.033	2.408	0.0477
2ND QUARTILE :	0.0307	0.452	4.0102	0.4375	0.058	3.621	0.0713
3RD QUARTILE :	0.0762	0.580	6.0297	0.4885	0.081	6.978	0.0894

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE PRECIP. #03

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	13.00000
MAXIMUM	:	0.02656
MINIMUM	:	0.00145
RANGE	:	0.02511
ARITH. MEAN	:	0.00902
ARITH. STD. DEV	:	0.00931
GEOM. MEAN	:	0.00573
GEOM. STD. DEV.	:	2.64465
1ST QUARTILE	:	0.00292
2ND QUARTILE	:	0.00402
3RD QUARTILE	:	0.00855

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	12.0	11.0000	11.0000	11.00	11.000	10.000	11.000
MAXIMUM :	136.6	1.5920	4.1926	168.22	25.246	30.101	9.703
MINIMUM :	17.9	0.0328	0.5979	8.95	2.864	1.253	0.000
RANGE :	118.7	1.5592	3.5947	159.27	22.382	28.848	9.703
ARITH. MEAN :	66.2	0.7982	2.1186	85.88	14.985	13.231	3.749
ARITH. STD. DEV :	45.2	0.4987	1.1546	60.22	7.746	11.229	2.884
GEOM. MEAN :	52.2	0.5566	1.8141	63.83	12.684	8.064	3.024
GEOM. STD. DEV. :	2.1	3.1292	1.8464	2.46	1.956	3.273	1.923
1ST QUARTILE :	30.0	0.2378	1.0015	34.47	7.141	2.378	1.483
2ND QUARTILE :	42.5	0.8069	1.7006	63.47	13.008	10.333	3.030
3RD QUARTILE :	106.4	1.0465	3.0172	150.04	22.509	20.938	4.334

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	10.000	10.000	10.0000	11.0000
MAXIMUM :	46.444	5.826	13.660	8.879	41.253	1.3656	0.4950
MINIMUM :	3.401	0.000	0.000	1.100	0.018	0.0485	0.0154
RANGE :	43.043	5.826	13.660	7.779	41.235	1.3170	0.4795
ARITH. MEAN :	21.740	2.004	3.360	3.337	17.768	0.4998	0.2279
ARITH. STD. DEV :	14.331	1.721	4.570	2.374	15.387	0.4290	0.2049
GEOM. MEAN :	16.620	1.426	1.328	2.749	5.212	0.3252	0.1201
GEOM. STD. DEV. :	2.330	2.878	5.371	1.900	14.261	2.9270	3.8727
1ST QUARTILE :	7.434	0.235	0.168	1.512	1.612	0.1231	0.0301
2ND QUARTILE :	18.275	1.916	1.216	2.779	17.757	0.4020	0.1384
3RD QUARTILE :	29.902	2.660	4.073	3.407	25.175	0.6955	0.4396

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	10.0000	11.0000	11.000	10.000	11.0000
MAXIMUM :	0.2276	0.514	7.1563	0.3753	0.137	8.312	0.1409
MINIMUM :	0.0125	0.051	0.3121	0.0179	0.018	0.447	0.0256
RANGE :	0.2151	0.463	6.8442	0.3574	0.119	7.865	0.1153
ARITH. MEAN :	0.0500	0.229	2.3544	0.1375	0.067	2.714	0.0710
ARITH. STD. DEV :	0.0627	0.161	2.2930	0.1051	0.047	2.619	0.0333
GEOM. MEAN :	0.0314	0.172	1.4483	0.1049	0.052	1.752	0.0638
GEOM. STD. DEV. :	2.5387	2.312	2.9905	2.2681	2.167	2.766	1.6523
1ST QUARTILE :	0.0150	0.063	0.5523	0.0673	0.027	0.657	0.0385
2ND QUARTILE :	0.0168	0.162	1.2727	0.0923	0.031	2.109	0.0633
3RD QUARTILE :	0.0571	0.356	3.2616	0.1711	0.106	3.008	0.0862

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE PRECIP. #32

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.00683
MINIMUM :	0.00089
RANGE :	0.00593
ARITH. MEAN :	0.00371
ARITH. STD. DEV :	0.00230
GEOM. MEAN :	0.00295
GEOM. STD. DEV. :	2.12689
1ST QUARTILE :	0.00150
2ND QUARTILE :	0.00321
3RD QUARTILE :	0.00534

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1, 83 TO JUL 24,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	6.0	6.0000	6.0000	6.00	6.000	6.000	6.000
MAXIMUM :	101.0	4.5645	7.0094	284.80	25.250	14.140	7.535
MINIMUM :	31.7	1.3458	2.5600	58.65	8.800	2.219	2.000
RANGE :	69.3	3.2187	4.4494	226.15	16.450	11.921	5.535
ARITH. MEAN :	63.4	2.6824	4.2548	149.71	18.104	8.311	5.336
ARITH. STD. DEV :	27.7	1.2749	2.0304	92.35	6.261	4.976	2.100
GEOM. MEAN :	58.2	2.4467	3.8995	127.62	17.071	6.746	4.886
GEOM. STD. DEV. :	1.6	1.5958	1.5611	1.86	1.481	2.157	1.649
1ST QUARTILE :	35.8	1.5871	2.7414	71.32	11.650	2.709	2.902
2ND QUARTILE :	59.3	2.2131	3.1719	114.20	18.021	8.925	5.780
3RD QUARTILE :	78.8	3.1670	5.0383	187.45	22.159	11.730	6.590

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1, 83 TO JUL 24,83 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	6.000	6.000	6.000	6.000	6.000	6.0000	6.0000
MAXIMUM :	30.260	3.115	6.750	4.795	23.496	0.8500	0.2000
MINIMUM :	8.800	0.317	0.475	0.792	2.480	0.0475	0.0317
RANGE :	21.460	2.798	6.274	4.002	21.016	0.8025	0.1683
ARITH. MEAN :	18.857	1.764	2.704	2.645	14.093	0.4610	0.1032
ARITH. STD. DEV :	9.734	1.119	2.265	1.419	9.330	0.3296	0.0711
GEOM. MEAN :	16.635	1.389	1.918	2.278	10.711	0.3039	0.0824
GEOM. STD. DEV. :	1.754	2.338	2.648	1.901	2.471	3.2823	2.1388
1ST QUARTILE :	9.155	0.658	0.638	1.154	4.459	0.0743	0.0358
2ND QUARTILE :	18.285	1.560	2.542	2.635	14.821	0.5070	0.0847
3RD QUARTILE :	26.120	2.390	3.072	3.085	21.855	0.6437	0.1395

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1, 83 TO JUL 24,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	6.0000	6.000	5.0000	6.0000	6.000	6.000	6.0000
MAXIMUM :	0.0505	1.252	2.7900	0.3560	0.101	3.150	0.1768
MINIMUM :	0.0158	0.175	1.3600	0.0250	0.032	1.014	0.0498
RANGE :	0.0346	1.077	1.4300	0.3310	0.069	2.136	0.1270
ARITH. MEAN :	0.0317	0.457	1.7932	0.1835	0.063	1.707	0.0954
ARITH. STD. DEV :	0.0138	0.410	0.5725	0.1424	0.028	0.762	0.0515
GEOM. MEAN :	0.0291	0.351	1.7329	0.1255	0.058	1.592	0.0849
GEOM. STD. DEV. :	1.5791	2.109	1.3227	2.9207	1.579	1.481	1.6928
1ST QUARTILE :	0.0179	0.185	1.4369	0.0377	0.036	1.139	0.0516
2ND QUARTILE :	0.0296	0.307	1.5447	0.1634	0.059	1.533	0.0789
3RD QUARTILE :	0.0394	0.446	1.6511	0.2712	0.079	1.744	0.1161

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE PRECIP. #26A

PERIOD OF REPORT : FEB 1, 83 TO JUL 24,83

	CADMIUM MG/M**2
# OF SAMPLES :	6.00000
MAXIMUM :	0.01780
MINIMUM :	0.00200
RANGE :	0.01580
ARITH. MEAN :	0.00623
ARITH. STD. DEV :	0.00595
GEOM. MEAN :	0.00462
GEOM. STD. DEV. :	2.22618
1ST QUARTILE :	0.00225
2ND QUARTILE :	0.00411
3RD QUARTILE :	0.00595

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	13.000
MAXIMUM :	149.0	5.5376	17.5440	471.20	63.612	83.638	15.800
MINIMUM :	23.0	1.1527	1.4950	44.85	13.570	2.990	0.000
RANGE :	126.0	4.3849	16.0490	426.35	50.042	80.648	15.800
ARITH. MEAN :	75.5	3.7352	6.8308	250.76	42.506	26.277	9.473
ARITH. STD. DEV :	34.9	1.2840	3.6974	107.83	14.791	20.384	4.551
GEOM. MEAN :	67.9	3.4559	5.9976	221.91	39.370	20.185	8.026
GEOM. STD. DEV. :	1.6	1.5740	1.7540	1.80	1.563	2.244	1.551
1ST QUARTILE :	53.5	3.0978	6.0430	168.53	34.270	13.625	6.690
2ND QUARTILE :	68.0	3.7502	6.2293	245.37	42.100	20.210	9.050
3RD QUARTILE :	82.5	4.5269	6.8811	310.32	51.540	31.475	11.705

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	13.0000
MAXIMUM :	76.570	15.314	5.925	9.200	69.502	3.9500	0.9424
MINIMUM :	7.820	0.575	0.057	0.885	6.670	0.2300	0.0230
RANGE :	68.750	14.739	5.867	8.315	62.832	3.7200	0.9194
ARITH. MEAN :	40.806	5.084	2.646	3.902	35.365	1.0432	0.2523
ARITH. STD. DEV :	18.103	3.804	1.792	2.448	15.889	1.0444	0.2410
GEOM. MEAN :	36.196	3.921	1.711	3.168	31.223	0.7290	0.1725
GEOM. STD. DEV. :	1.769	2.245	3.640	2.048	1.792	2.3472	2.6111
1ST QUARTILE :	27.896	2.717	1.366	1.972	24.215	0.3633	0.1003
2ND QUARTILE :	38.200	3.915	2.362	3.370	35.955	0.7145	0.1590
3RD QUARTILE :	47.805	6.188	3.115	4.186	36.966	0.8875	0.2830

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.1180	0.920	9.4122	0.9424	0.149	8.061	0.2144
MINIMUM :	0.0115	0.151	0.4025	0.1280	0.023	0.536	0.0179
RANGE :	0.1065	0.769	9.0097	0.8144	0.126	7.525	0.1965
ARITH. MEAN :	0.0459	0.446	3.1447	0.4488	0.075	3.684	0.0938
ARITH. STD. DEV :	0.0270	0.210	2.7491	0.2101	0.035	2.625	0.0606
GEOM. MEAN :	0.0398	0.400	2.2840	0.3994	0.068	2.787	0.0779
GEOM. STD. DEV. :	1.7570	1.663	2.3339	1.7113	1.648	2.282	1.9228
1ST QUARTILE :	0.0302	0.313	1.3959	0.3300	0.053	1.735	0.0574
2ND QUARTILE :	0.0364	0.413	1.6231	0.4385	0.068	2.040	0.0711
3RD QUARTILE :	0.0502	0.489	3.5825	0.4841	0.082	5.830	0.0925

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE PRECIP. #09

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

		CADMIUM MG/M**2
# OF SAMPLES	:	13.00000
MAXIMUM	:	0.03534
MINIMUM	:	0.00230
RANGE	:	0.03304
ARITH. MEAN	:	0.00777
ARITH. STD. DEV	:	0.00907
GEOM. MEAN	:	0.00536
GEOM. STD. DEV.	:	2.21779
1ST QUARTILE	:	0.00307
2ND QUARTILE	:	0.00380
3RD QUARTILE	:	0.00657

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	11.0000	11.00	12.000	11.000	12.000
MAXIMUM :	105.4	4.5022	10.7030	379.90	35.380	45.441	27.404
MINIMUM :	19.0	0.5759	0.3876	31.13	7.664	3.353	2.800
RANGE :	86.4	3.9264	10.3154	348.76	27.716	42.088	24.604
ARITH. MEAN :	63.7	1.8722	3.7394	157.36	24.193	25.350	8.637
ARITH. STD. DEV :	23.4	1.2778	2.7487	92.28	8.746	15.700	6.357
GEOM. MEAN :	58.7	1.5196	2.8752	132.95	22.277	19.465	7.309
GEOM. STD. DEV. :	1.6	1.9879	2.3268	1.92	1.590	2.377	1.763
1ST QUARTILE :	51.9	0.8157	1.8258	87.72	18.240	8.963	5.825
2ND QUARTILE :	62.9	1.4193	2.8937	130.58	26.085	19.322	7.130
3RD QUARTILE :	70.6	2.4625	4.3687	196.80	30.598	41.295	9.401

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	7.000	11.000	12.000	12.000	12.0000	11.0000
MAXIMUM :	53.940	15.785	3.480	18.445	51.620	1.0640	0.4060
MINIMUM :	6.227	0.958	0.000	1.400	4.427	0.0000	0.0239
RANGE :	47.713	14.827	3.480	17.045	47.193	1.0640	0.3820
ARITH. MEAN :	21.061	4.590	1.556	5.103	17.143	0.3989	0.2491
ARITH. STD. DEV :	12.794	5.266	1.053	4.867	12.719	0.3152	0.1111
GEOM. MEAN :	18.105	2.865	1.392	3.788	13.941	0.3433	0.2081
GEOM. STD. DEV. :	1.778	2.773	1.877	2.129	1.942	2.6196	2.1983
1ST QUARTILE :	12.486	1.006	0.502	2.233	9.489	0.1292	0.1594
2ND QUARTILE :	18.760	2.074	1.352	3.025	14.839	0.4256	0.2407
3RD QUARTILE :	25.450	5.093	2.132	6.036	19.355	0.5683	0.3376

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	11.0000	12.0000	12.000	11.000	11.0000
MAXIMUM :	0.0594	0.632	11.1300	0.7378	0.105	9.870	0.1043
MINIMUM :	0.0095	0.186	0.7616	0.1680	0.019	0.687	0.0455
RANGE :	0.0499	0.445	10.3684	0.5698	0.086	9.183	0.0588
ARITH. MEAN :	0.0377	0.346	2.9244	0.3886	0.063	2.759	0.0677
ARITH. STD. DEV :	0.0148	0.123	2.8588	0.1691	0.024	2.532	0.0194
GEOM. MEAN :	0.0343	0.328	2.2270	0.3534	0.058	2.107	0.0653
GEOM. STD. DEV. :	1.6491	1.405	2.0510	1.6034	1.614	2.096	1.3271
1ST QUARTILE :	0.0285	0.237	1.1460	0.2698	0.052	1.132	0.0480
2ND QUARTILE :	0.0351	0.313	2.0803	0.3805	0.063	1.827	0.0615
3RD QUARTILE :	0.0489	0.382	3.0645	0.4570	0.078	3.083	0.0805

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE PRECIP. #15

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01696
MINIMUM :	0.00239
RANGE :	0.01456
ARITH. MEAN :	0.00509
ARITH. STD. DEV :	0.00395
GEOM. MEAN :	0.00433
GEOM. STD. DEV. :	1.69447
1ST QUARTILE :	0.00296
2ND QUARTILE :	0.00366
3RD QUARTILE :	0.00543

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	4.0	4.0000	4.0000	4.00	4.000	4.000	4.000
MAXIMUM :	247.2	5.4930	8.9981	305.90	64.272	30.590	12.056
MINIMUM :	109.6	2.2587	5.4264	173.04	32.088	3.288	6.876
RANGE :	137.6	3.2344	3.5717	132.86	32.184	27.302	5.180
ARITH. MEAN :	151.1	4.1047	6.8968	225.92	41.992	13.806	10.197
ARITH. STD. DEV :	64.9	1.5546	1.6406	59.57	15.101	11.736	2.431
GEOM. MEAN :	142.6	3.8590	6.7559	220.37	40.273	10.332	9.953
GEOM. STD. DEV. :	1.5	1.5212	1.2622	1.29	1.379	2.492	1.301
1ST QUARTILE :	112.1	2.8204	5.6011	181.06	32.669	6.588	8.382
2ND QUARTILE :	123.8	4.3336	6.5814	212.36	35.805	10.674	10.929
3RD QUARTILE :	190.1	5.3890	8.1926	270.77	51.316	21.025	12.013

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13, 83 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	4.000	4.000	4.000	4.000	4.000	4.0000	4.0000
MAXIMUM :	62.510	4.655	3.438	8.652	55.860	1.5960	0.3990
MINIMUM :	26.304	1.146	0.000	2.292	18.851	0.3708	0.1096
RANGE :	36.206	3.509	3.438	6.360	37.009	1.2252	0.2894
ARITH. MEAN :	36.495	2.788	1.730	4.663	30.111	0.9999	0.2153
ARITH. STD. DEV :	17.399	1.667	1.592	2.793	17.284	0.5800	0.1336
GEOM. MEAN :	34.033	2.388	1.656	4.123	27.231	0.8553	0.1876
GEOM. STD. DEV. :	1.504	1.940	1.906	1.752	1.630	1.9715	1.8184
1ST QUARTILE :	26.904	1.395	0.411	2.808	20.427	0.5142	0.1166
2ND QUARTILE :	28.584	2.676	1.741	3.854	22.867	1.0164	0.1764
3RD QUARTILE :	46.087	4.181	3.049	6.518	39.796	1.4856	0.3141

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13, 83 TO JAN 4,84 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	4.0000	3.000	3.0000	4.0000	4.000	3.000	3.0000
MAXIMUM :	0.1236	0.443	3.4580	0.4384	0.247	5.307	0.1644
MINIMUM :	0.0548	0.330	2.2030	0.2472	0.110	1.304	0.0884
RANGE :	0.0688	0.113	1.2550	0.1912	0.138	4.002	0.0759
ARITH. MEAN :	0.0755	0.379	2.6558	0.3571	0.151	3.014	0.1141
ARITH. STD. DEV :	0.0324	0.058	0.6967	0.0829	0.065	2.064	0.0436
GEOM. MEAN :	0.0713	0.376	2.5997	0.3492	0.143	2.562	0.1091
GEOM. STD. DEV. :	1.4567	1.162	1.2816	1.2854	1.457	2.020	1.4263
1ST QUARTILE :	0.0560	********	********	0.2955	0.112	********	********
2ND QUARTILE :	0.0619	********	********	0.3714	0.124	********	********
3RD QUARTILE :	0.0950	********	********	0.4187	0.190	********	********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : TURKEY LAKE/CUMULATIVE PRECIP. #37

PERIOD OF REPORT : SEP 13, 83 TO JAN 4,84

	CADMIUM MG/M**2
# OF SAMPLES :	4.00000
MAXIMUM :	0.01330
MINIMUM :	0.00548
RANGE :	0.00782
ARITH. MEAN :	0.00922
ARITH. STD. DEV :	0.00419
GEOM. MEAN :	0.00848
GEOM. STD. DEV. :	1.61471
1ST QUARTILE :	0.00560
2ND QUARTILE :	0.00904
3RD QUARTILE :	0.01283

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3, 83 TO JAN 2,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	13.0000	13.00	13.000	10.000	13.000
MAXIMUM :	100.0	4.5192	5.6620	489.25	63.650	171.000	25.840
MINIMUM :	25.0	0.2427	0.6072	102.60	24.900	10.080	5.250
RANGE :	75.0	4.2765	5.0548	386.65	38.750	160.920	20.590
ARITH. MEAN :	57.7	2.0580	3.2279	215.20	34.761	55.238	12.542
ARITH. STD. DEV :	24.6	1.3209	1.4640	111.49	10.002	55.614	5.253
GEOM. MEAN :	52.7	1.5089	2.8003	193.34	33.695	36.518	11.638
GEOM. STD. DEV. :	1.6	2.6146	1.8731	1.60	1.282	2.538	1.496
1ST QUARTILE :	34.5	0.4501	1.8792	124.87	27.025	19.110	9.505
2ND QUARTILE :	54.0	2.0803	3.4062	179.20	34.545	27.175	11.740
3RD QUARTILE :	72.5	2.7897	3.9632	237.37	36.240	66.880	12.460

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3, 83 TO JAN 2,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	12.000	11.000	12.000	13.000	13.0000	13.0000
MAXIMUM :	78.850	10.500	4.500	13.680	72.200	6.1600	0.4480
MINIMUM :	19.000	1.050	0.190	0.375	7.144	0.2250	0.0600
RANGE :	59.850	9.450	4.310	13.305	65.056	5.9350	0.3880
ARITH. MEAN :	37.211	5.042	2.205	4.905	26.419	1.2263	0.2533
ARITH. STD. DEV :	17.460	3.334	1.475	3.690	16.407	1.5746	0.1221
GEOM. MEAN :	33.882	4.012	1.543	3.591	22.665	0.7946	0.2208
GEOM. STD. DEV. :	1.560	2.097	2.853	2.548	1.780	2.4160	1.8014
1ST QUARTILE :	21.922	2.250	0.456	2.425	15.222	0.4480	0.1420
2ND QUARTILE :	32.925	4.235	2.425	3.975	22.580	0.6985	0.2445
3RD QUARTILE :	45.090	7.775	2.875	6.480	30.125	0.9900	0.3225

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3, 83 TO JAN 2,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.0760	0.524	9.5600	0.5700	0.100	10.400	0.2356
MINIMUM :	0.0150	0.241	0.4722	0.1155	0.025	0.405	0.0303
RANGE :	0.0610	0.283	9.0878	0.4545	0.075	9.995	0.2053
ARITH. MEAN :	0.0327	0.365	3.4471	0.3368	0.058	3.236	0.0819
ARITH. STD. DEV :	0.0171	0.098	2.6072	0.1584	0.025	2.527	0.0506
GEOM. MEAN :	0.0293	0.353	2.5852	0.3004	0.053	2.484	0.0725
GEOM. STD. DEV. :	1.6105	1.311	2.3069	1.6710	1.570	2.232	1.6246
1ST QUARTILE :	0.0190	0.263	1.3542	0.2000	0.034	1.527	0.0545
2ND QUARTILE :	0.0270	0.336	2.7242	0.2600	0.054	2.553	0.0672
3RD QUARTILE :	0.0362	0.426	4.0216	0.4650	0.072	3.854	0.0891

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE PRECIP. #11

PERIOD OF REPORT : JAN 3, 83 TO JAN 2,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.04160
MINIMUM :	0.00165
RANGE :	0.03995
ARITH. MEAN :	0.00879
ARITH. STD. DEV :	0.01158
GEOM. MEAN :	0.00530
GEOM. STD. DEV. :	2.61573
1ST QUARTILE :	0.00287
2ND QUARTILE :	0.00487
3RD QUARTILE :	0.00757

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	13.0000	12.00	12.000	12.000	12.000
MAXIMUM :	142.9	6.6658	12.4754	571.90	71.450	87.169	22.864
MINIMUM :	30.0	0.9271	1.4940	57.00	10.200	7.200	0.000
RANGE :	112.9	5.7387	10.9814	514.90	61.250	79.969	22.864
ARITH. MEAN :	69.8	3.1446	5.0468	246.22	35.812	29.902	13.262
ARITH. STD. DEV :	34.8	1.7608	3.4774	162.04	18.398	22.170	7.308
GEOM. MEAN :	63.0	2.7269	4.0423	206.81	31.559	24.333	10.473
GEOM. STD. DEV. :	1.6	1.7791	2.0224	1.85	1.726	1.929	1.720
1ST QUARTILE :	45.0	1.8021	2.0594	157.55	25.230	17.490	6.530
2ND QUARTILE :	56.5	2.6472	3.9125	188.40	34.325	19.590	14.460
3RD QUARTILE :	73.0	3.6172	5.5570	269.10	37.950	36.260	20.115

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	11.000	12.000	12.000	11.0000	12.0000
MAXIMUM :	190.950	19.291	15.540	12.146	127.970	9.9160	0.8574
MINIMUM :	8.100	1.800	0.150	1.650	4.200	0.1425	0.1440
RANGE :	182.850	17.491	15.390	10.496	123.770	9.7735	0.7134
ARITH. MEAN :	62.365	7.492	4.920	5.820	43.527	2.2540	0.2961
ARITH. STD. DEV :	51.850	4.961	4.984	3.434	34.798	3.2672	0.2142
GEOM. MEAN :	45.518	6.188	2.619	4.785	32.302	0.9023	0.2489
GEOM. STD. DEV. :	2.375	1.925	3.920	2.003	2.390	4.1320	1.7681
1ST QUARTILE :	26.205	4.240	1.020	2.240	22.110	0.2475	0.1705
2ND QUARTILE :	41.565	5.495	1.912	6.037	29.750	0.4810	0.1870
3RD QUARTILE :	88.814	10.000	6.717	7.920	59.565	2.2575	0.3755

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	11.0000
MAXIMUM :	0.1140	0.775	6.9592	0.7980	0.143	13.247	0.2501
MINIMUM :	0.0150	0.243	1.2595	0.1520	0.030	1.236	0.0422
RANGE :	0.0990	0.532	5.6997	0.6460	0.113	12.011	0.2078
ARITH. MEAN :	0.0464	0.470	3.5529	0.5012	0.071	3.807	0.0866
ARITH. STD. DEV :	0.0295	0.149	1.7885	0.2272	0.036	3.391	0.0582
GEOM. MEAN :	0.0390	0.447	3.1576	0.4448	0.063	2.917	0.0756
GEOM. STD. DEV. :	1.8395	1.396	1.6710	1.7258	1.616	2.056	1.6505
1ST QUARTILE :	0.0245	0.392	2.2422	0.3195	0.045	1.707	0.0483
2ND QUARTILE :	0.0347	0.472	2.8110	0.4935	0.061	2.477	0.0677
3RD QUARTILE :	0.0690	0.531	4.7134	0.7092	0.084	5.289	0.0935

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE PRECIP. #07

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01480
MINIMUM :	0.00190
RANGE :	0.01290
ARITH. MEAN :	0.00565
ARITH. STD. DEV :	0.00444
GEOM. MEAN :	0.00449
GEOM. STD. DEV. :	1.97303
1ST QUARTILE :	0.00267
2ND QUARTILE :	0.00410
3RD QUARTILE :	0.00667

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4, 83 TO DEC 6,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	12.0	11.0000	11.0000	11.00	11.000	11.000	11.000
MAXIMUM :	191.0	10.0238	14.3250	515.70	51.570	34.380	9.860
MINIMUM :	38.0	0.6011	1.5100	40.00	8.500	2.580	0.000
RANGE :	153.0	9.4227	12.8150	475.70	43.070	31.800	9.860
ARITH. MEAN :	69.0	3.1213	5.0423	196.70	25.222	12.197	4.897
ARITH. STD. DEV :	45.1	2.5616	3.6836	140.40	13.789	9.293	2.954
GEOM. MEAN :	60.2	2.4440	4.1775	154.02	22.375	9.140	4.204
GEOM. STD. DEV. :	1.6	2.0873	1.8579	2.16	1.661	2.314	1.623
1ST QUARTILE :	43.0	1.5624	2.5770	72.25	16.885	3.490	2.520
2ND QUARTILE :	52.5	2.3913	4.0328	155.67	20.755	11.620	4.450
3RD QUARTILE :	75.0	2.9289	4.5899	232.00	24.490	15.440	5.915

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4, 83 TO DEC 6,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	10.000	11.000	11.0000	11.0000
MAXIMUM :	55.390	6.685	10.150	8.595	45.840	2.3200	0.3820
MINIMUM :	7.310	0.107	0.137	0.000	5.160	0.1720	0.0215
RANGE :	48.080	6.577	10.012	8.595	40.680	2.1480	0.3605
ARITH. MEAN :	25.503	2.165	2.647	2.796	20.048	0.6214	0.1624
ARITH. STD. DEV :	15.894	1.796	2.975	2.451	14.331	0.6287	0.1108
GEOM. MEAN :	21.454	1.429	1.369	2.288	15.263	0.4512	0.1197
GEOM. STD. DEV. :	1.865	3.113	3.822	1.885	2.245	2.1857	2.5008
1ST QUARTILE :	12.860	0.525	0.330	1.332	6.118	0.2200	0.0480
2ND QUARTILE :	20.055	1.905	1.540	1.662	15.502	0.4280	0.1630
3RD QUARTILE :	30.885	2.767	3.765	3.882	29.196	0.5915	0.2285

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4, 83 TO DEC 6,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0955	1.169	6.6573	0.9550	0.191	6.809	0.3880
MINIMUM :	0.0190	0.097	0.3548	0.0460	0.038	0.195	0.0374
RANGE :	0.0765	1.072	6.3025	0.9090	0.153	6.615	0.3506
ARITH. MEAN :	0.0405	0.384	2.3300	0.3859	0.072	2.413	0.0938
ARITH. STD. DEV :	0.0232	0.299	1.9465	0.2660	0.046	1.862	0.1040
GEOM. MEAN :	0.0356	0.302	1.6591	0.3000	0.063	1.670	0.0687
GEOM. STD. DEV. :	1.6737	2.066	2.4971	2.2764	1.649	2.874	2.0505
1ST QUARTILE :	0.0220	0.136	0.5712	0.1825	0.043	0.850	0.0394
2ND QUARTILE :	0.0282	0.295	1.7597	0.3155	0.052	1.921	0.0526
3RD QUARTILE :	0.0520	0.480	2.6948	0.4590	0.075	2.733	0.0778

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE PRECIP. #19

PERIOD OF REPORT : JAN 4, 83 TO DEC 6,83

		CADMIUM MG/M**2
# OF SAMPLES	:	11.00000
MAXIMUM	:	0.01910
MINIMUM	:	0.00215
RANGE	:	0.01695
ARITH. MEAN	:	0.00643
ARITH. STD. DEV	:	0.00449
GEOM. MEAN	:	0.00554
GEOM. STD. DEV.	:	1.70691
1ST QUARTILE	:	0.00415
2ND QUARTILE	:	0.00525
3RD QUARTILE	:	0.00582

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	13.000
MAXIMUM :	181.0	7.7211	11.6926	479.65	64.050	56.110	12.670
MINIMUM :	41.0	1.6070	2.9328	53.20	17.630	3.800	4.100
RANGE :	140.0	6.1141	8.7598	426.45	46.420	52.310	8.570
ARITH. MEAN :	74.9	3.6120	5.4357	203.93	33.542	15.476	7.129
ARITH. STD. DEV :	38.0	1.4764	2.1396	118.24	13.675	14.955	2.411
GEOM. MEAN :	68.2	3.3799	5.1437	173.39	31.433	10.885	6.762
GEOM. STD. DEV. :	1.5	1.4530	1.3897	1.85	1.437	2.335	1.408
1ST QUARTILE :	48.5	2.6807	4.4665	107.55	26.190	5.235	4.985
2ND QUARTILE :	62.1	3.3790	4.7760	171.97	28.955	8.635	6.760
3RD QUARTILE :	82.0	3.8193	5.5536	245.50	34.315	16.286	8.230

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	13.0000
MAXIMUM :	65.160	8.145	6.335	9.050	57.920	1.9760	0.7240
MINIMUM :	7.600	0.000	0.000	0.000	4.256	0.0520	0.0380
RANGE :	57.560	8.145	6.335	9.050	53.664	1.9240	0.6860
ARITH. MEAN :	25.470	2.427	2.106	3.060	21.915	0.5837	0.1775
ARITH. STD. DEV :	14.920	2.160	1.591	2.226	14.061	0.5629	0.1849
GEOM. MEAN :	22.227	1.900	1.801	2.516	18.300	0.3733	0.1240
GEOM. STD. DEV. :	1.717	2.097	1.885	1.999	1.911	2.8860	2.3234
1ST QUARTILE :	16.825	0.795	1.135	1.537	12.853	0.1730	0.0665
2ND QUARTILE :	21.115	1.727	1.922	2.990	17.786	0.4480	0.0980
3RD QUARTILE :	25.580	2.972	2.320	3.527	22.934	0.5290	0.1845

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.0905	0.579	14.0094	1.0860	0.181	16.326	0.1267
MINIMUM :	0.0205	0.123	0.7065	0.1040	0.041	0.409	0.0392
RANGE :	0.0700	0.456	13.3029	0.9820	0.140	15.917	0.0875
ARITH. MEAN :	0.0374	0.291	2.6555	0.3915	0.075	3.082	0.0734
ARITH. STD. DEV :	0.0190	0.132	3.4899	0.2544	0.038	4.138	0.0275
GEOM. MEAN :	0.0341	0.266	1.8436	0.3307	0.068	1.915	0.0690
GEOM. STD. DEV. :	1.5379	1.571	2.1189	1.8328	1.538	2.608	1.4331
1ST QUARTILE :	0.0242	0.195	1.0268	0.2375	0.048	1.259	0.0548
2ND QUARTILE :	0.0310	0.240	1.6788	0.3260	0.062	1.644	0.0621
3RD QUARTILE :	0.0410	0.346	2.1918	0.4180	0.082	2.956	0.0838

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE PRECIP. #18

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	13.00000
MAXIMUM	:	0.00905
MINIMUM	:	0.00205
RANGE	:	0.00700
ARITH. MEAN	:	0.00525
ARITH. STD. DEV	:	0.00253
GEOM. MEAN	:	0.00469
GEOM. STD. DEV.	:	1.65114
1ST QUARTILE	:	0.00310
2ND QUARTILE	:	0.00435
3RD QUARTILE	:	0.00667

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	13.0000	12.00	12.000	12.000	11.000
MAXIMUM :	138.0	9.3121	23.1512	834.52	83.452	119.794	30.958
MINIMUM :	16.0	1.3618	1.9008	128.00	13.280	15.120	0.940
RANGE :	122.0	7.9502	21.2504	706.52	70.172	104.674	30.018
ARITH. MEAN :	65.3	3.7033	6.2459	275.09	36.843	40.851	13.702
ARITH. STD. DEV :	40.9	2.1828	5.3384	193.60	18.153	27.040	8.566
GEOM. MEAN :	53.7	3.1905	5.1168	236.46	33.204	35.461	10.148
GEOM. STD. DEV. :	2.0	1.7778	1.8231	1.69	1.619	1.692	2.688
1ST QUARTILE :	35.0	1.9824	3.3860	160.75	28.490	26.237	4.390
2ND QUARTILE :	48.4	3.5571	4.8854	208.39	33.315	37.820	13.881
3RD QUARTILE :	81.3	4.6009	6.5235	320.97	43.324	45.321	15.850

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	12.000	11.000	12.000	12.0000	12.0000
MAXIMUM :	111.718	16.825	12.787	16.152	100.950	2.5574	0.8076
MINIMUM :	11.840	2.310	0.312	1.360	8.112	0.0940	0.0960
RANGE :	99.878	14.515	12.475	14.792	92.838	2.4634	0.7116
ARITH. MEAN :	34.516	5.227	3.131	5.928	29.323	0.6218	0.2948
ARITH. STD. DEV :	26.092	3.867	3.230	4.955	24.458	0.6617	0.2135
GEOM. MEAN :	29.171	4.476	2.170	4.510	23.769	0.4296	0.2376
GEOM. STD. DEV. :	1.750	1.696	2.523	2.142	1.886	2.4059	1.9646
1ST QUARTILE :	24.150	3.200	1.480	2.410	19.240	0.2345	0.1270
2ND QUARTILE :	27.630	4.355	2.650	4.100	22.545	0.4904	0.2047
3RD QUARTILE :	33.738	5.503	3.225	6.210	28.346	0.7098	0.4411

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	11.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.2496	1.216	15.0400	0.8460	0.135	16.356	0.3055
MINIMUM :	0.0080	0.184	1.2054	0.1280	0.016	1.286	0.0336
RANGE :	0.2416	1.032	13.8346	0.7180	0.119	15.070	0.2719
ARITH. MEAN :	0.0676	0.619	5.3713	0.4762	0.059	4.857	0.0929
ARITH. STD. DEV :	0.0659	0.277	5.0370	0.2032	0.036	4.438	0.0722
GEOM. MEAN :	0.0468	0.561	3.6683	0.4291	0.050	3.637	0.0775
GEOM. STD. DEV. :	2.4835	1.624	2.4658	1.6787	1.902	2.117	1.7877
1ST QUARTILE :	0.0282	0.513	1.6184	0.4050	0.035	2.200	0.0509
2ND QUARTILE :	0.0390	0.559	2.8451	0.4795	0.048	2.770	0.0781
3RD QUARTILE :	0.0949	0.705	7.5977	0.5163	0.081	6.106	0.0956

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE PRECIP. #04

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

		CADMIUM MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.02692
MINIMUM	:	0.00160
RANGE	:	0.02532
ARITH. MEAN	:	0.01027
ARITH. STD. DEV	:	0.00846
GEOM. MEAN	:	0.00708
GEOM. STD. DEV.	:	2.62291
1ST QUARTILE	:	0.00350
2ND QUARTILE	:	0.00790
3RD QUARTILE	:	0.01654

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29, 82 TO AUG 16,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	4.0	1.0000	4.0000	3.00	4.000	3.000	4.000
MAXIMUM :	52.7	0.6837	1.2342	42.13	9.842	31.601	30.353
MINIMUM :	0.2	0.6837	0.0055	27.03	0.055	14.630	0.058
RANGE :	52.5	0.0000	1.2287	15.11	9.787	16.971	30.295
ARITH. MEAN :	30.3	********	0.7307	35.47	4.934	23.837	18.065
ARITH. STD. DEV :	22.7	********	0.5432	7.71	4.006	8.577	13.036
GEOM. MEAN :	9.7	********	0.2595	34.87	1.900	22.694	5.243
GEOM. STD. DEV. :	16.2	********	13.2544	1.26	10.859	1.486	20.285
1ST QUARTILE :	13.4	********	0.3229	********	2.314	********	8.983
2ND QUARTILE :	34.1	********	0.8416	********	4.920	********	20.924
3RD QUARTILE :	47.1	********	1.1385	********	7.554	********	27.147

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29, 82 TO AUG 16,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	3.000	3.000	3.000	4.000	3.000	3.0000	4.0000
MAXIMUM :	35.288	4.921	7.900	17.048	28.441	3.7394	0.1663
MINIMUM :	5.320	0.000	1.197	0.043	3.192	0.1596	0.0011
RANGE :	29.968	4.921	6.703	17.005	25.249	3.5798	0.1653
ARITH. MEAN :	16.031	2.869	3.725	10.097	11.847	1.4106	0.0683
ARITH. STD. DEV :	16.712	2.560	3.642	7.186	14.375	2.0187	0.0698
GEOM. MEAN :	11.200	2.628	2.699	3.152	7.080	0.5834	0.0266
GEOM. STD. DEV. :	2.741	1.656	2.639	17.681	3.349	5.2087	9.1043
1ST QUARTILE :	********	********	********	5.552	********	********	0.0269
2ND QUARTILE :	********	********	********	11.648	********	********	0.0529
3RD QUARTILE :	********	********	********	14.642	********	********	0.1098

****** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29, 82 TO AUG 16,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	4.0000	3.000	3.0000	4.0000	4.000	3.000	3.0000
MAXIMUM :	0.0263	0.583	2.8316	0.1596	0.053	1.755	0.0570
MINIMUM :	0.0002	0.280	1.2874	0.0006	0.000	0.476	0.0419
RANGE :	0.0262	0.302	1.5442	0.1590	0.053	1.279	0.0151
ARITH. MEAN :	0.0151	0.430	1.8435	0.0976	0.030	1.147	0.0504
ARITH. STD. DEV :	0.0113	0.151	0.8580	0.0684	0.023	0.642	0.0077
GEOM. MEAN :	0.0058	0.411	1.7264	0.0336	0.010	1.004	0.0500
GEOM. STD. DEV. :	11.4514	1.444	1.5387	14.5519	16.161	1.958	1.1726
1ST QUARTILE :	0.0067	********	********	0.0530	0.013	********	********
2ND QUARTILE :	0.0170	********	********	0.1150	0.034	********	********
3RD QUARTILE :	0.0236	********	********	0.1422	0.047	********	********

****** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE PRECIP. #29

PERIOD OF REPORT : DEC 29, 82 TO AUG 16,83

	CADMIUM MG/M**2
# OF SAMPLES :	4.00000
MAXIMUM :	0.00832
MINIMUM :	0.00001
RANGE :	0.00831
ARITH. MEAN :	0.00473
ARITH. STD. DEV :	0.00409
GEOM. MEAN :	0.00107
GEOM. STD. DEV. :	28.23552
1ST QUARTILE :	0.00132
2ND QUARTILE :	0.00531
3RD QUARTILE :	0.00815

PART VI

SUMMARY STATISTICS OF WET DEPOSITION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3, 83 TO JAN 3,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	78.0	63.0000	76.0000	77.00	76.000	68.000	76.000
MAXIMUM :	181.0	7.7211	11.6926	545.40	65.760	171.000	75.582
MINIMUM :	17.0	0.2427	0.6072	40.70	9.520	2.580	2.820
RANGE :	164.0	7.4784	11.0854	504.70	56.240	168.420	72.762
ARITH. MEAN :	66.6	2.7954	3.9099	212.79	33.712	32.730	11.479
ARITH. STD. DEV :	32.2	1.5669	2.1131	122.06	13.289	36.648	9.461
GEOM. MEAN :	59.6	2.2976	3.2987	180.48	31.031	19.635	9.534
GEOM. STD. DEV. :	1.6	2.0317	1.8973	1.81	1.531	2.787	1.778
1ST QUARTILE :	43.0	1.6182	2.2674	119.70	25.390	10.268	6.790
2ND QUARTILE :	62.8	2.6703	3.7412	177.37	33.315	20.580	9.100
3RD QUARTILE :	82.0	3.4996	4.8620	262.30	41.220	38.570	12.703

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	74.000	70.000	73.000	75.000	76.000	75.0000	75.0000
MAXIMUM :	120.000	36.400	18.720	40.698	114.400	8.4000	0.8640
MINIMUM :	7.200	0.000	0.000	0.000	4.256	0.0520	0.0215
RANGE :	112.800	36.400	18.720	40.698	110.144	8.3480	0.8425
ARITH. MEAN :	32.435	5.034	2.922	4.687	27.729	1.0913	0.2484
ARITH. STD. DEV :	19.882	6.194	2.978	5.151	21.527	1.4754	0.1980
GEOM. MEAN :	27.212	2.986	2.036	3.467	21.586	0.6528	0.1761
GEOM. STD. DEV. :	1.840	2.782	2.458	2.123	2.040	2.7496	2.4324
1ST QUARTILE :	18.005	1.350	1.084	2.280	13.872	0.4030	0.0800
2ND QUARTILE :	27.975	2.735	2.372	3.655	21.015	0.6477	0.1885
3RD QUARTILE :	40.705	6.405	3.340	5.505	34.758	1.1315	0.3520

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	75.0000	75.000	74.0000	75.0000	75.000	73.000	75.0000
MAXIMUM :	0.2824	1.799	20.4000	2.2820	0.181	20.900	0.9152
MINIMUM :	0.0085	0.078	0.4722	0.0900	0.017	0.405	0.0204
RANGE :	0.2739	1.722	19.9278	2.1920	0.164	20.495	0.8948
ARITH. MEAN :	0.0419	0.397	3.2358	0.4061	0.067	3.087	0.1019
ARITH. STD. DEV :	0.0346	0.276	3.2029	0.3006	0.032	3.344	0.1308
GEOM. MEAN :	0.0349	0.335	2.3014	0.3374	0.060	2.179	0.0760
GEOM. STD. DEV. :	1.7690	1.764	2.2677	1.8277	1.616	2.254	1.9008
1ST QUARTILE :	0.0230	0.239	1.3147	0.2075	0.043	1.356	0.0528
2ND QUARTILE :	0.0342	0.324	2.3118	0.3900	0.063	2.177	0.0669
3RD QUARTILE :	0.0482	0.456	4.1908	0.4745	0.082	3.372	0.1018

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 3, 83 TO JAN 3,84

	CADMIUM MG/M**2
# OF SAMPLES :	74.00000
MAXIMUM :	0.09962
MINIMUM :	0.00135
RANGE :	0.09827
ARITH. MEAN :	0.00730
ARITH. STD. DEV :	0.01260
GEOM. MEAN :	0.00481
GEOM. STD. DEV. :	2.10768
1ST QUARTILE :	0.00325
2ND QUARTILE :	0.00455
3RD QUARTILE :	0.00637

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16, 82 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	112.0	99.0000	105.0000	105.00	107.000	97.000	104.000
MAXIMUM :	247.2	10.0238	15.9120	648.00	88.200	52.200	51.680
MINIMUM :	1.7	0.0064	0.1302	7.54	0.930	0.860	0.000
RANGE :	245.5	10.0175	15.7818	640.46	87.270	51.340	51.680
ARITH. MEAN :	64.6	2.6471	4.2987	159.19	22.441	12.020	6.895
ARITH. STD. DEV :	44.3	1.8530	3.0917	121.86	15.871	9.767	7.373
GEOM. MEAN :	49.3	1.9079	3.2283	119.98	16.528	8.649	4.797
GEOM. STD. DEV. :	2.3	2.8357	2.4036	2.24	2.466	2.377	2.222
1ST QUARTILE :	37.6	1.3680	2.3899	81.91	10.706	4.426	3.450
2ND QUARTILE :	53.9	2.3462	3.4633	119.50	19.695	10.218	5.240
3RD QUARTILE :	78.2	3.7982	5.2733	207.55	31.349	14.320	8.418

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16, 82 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	103.000	99.000	97.000	99.000	103.000	103.0000	101.0000
MAXIMUM :	119.700	10.210	14.042	48.048	68.400	16.2000	2.2680
MINIMUM :	0.748	0.000	0.000	0.000	0.044	0.0000	0.0086
RANGE :	118.951	10.210	14.042	48.048	68.356	16.2000	2.2594
ARITH. MEAN :	22.759	2.254	2.810	4.175	17.308	0.9012	0.1733
ARITH. STD. DEV :	18.616	2.116	2.937	6.648	13.848	1.7910	0.2435
GEOM. MEAN :	16.159	1.527	1.733	2.506	11.360	0.4087	0.1104
GEOM. STD. DEV. :	2.527	2.659	2.958	2.578	3.079	3.8784	2.6121
1ST QUARTILE :	9.104	0.719	0.825	1.332	6.334	0.1844	0.0553
2ND QUARTILE :	19.450	1.558	2.077	2.500	15.225	0.4589	0.1299
3RD QUARTILE :	29.532	2.934	3.400	4.156	22.310	0.8715	0.2125

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16, 82 TO JAN 4,84 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	102.0000	97.000	91.0000	103.0000	103.000	95.000	95.0000
MAXIMUM :	1.4580	1.729	13.3500	2.5920	0.247	28.512	0.4536
MINIMUM :	0.0008	0.025	0.1238	0.0170	0.002	0.183	0.0064
RANGE :	1.4571	1.704	13.2262	2.5750	0.245	28.329	0.4472
ARITH. MEAN :	0.0540	0.368	2.4663	0.3070	0.067	2.701	0.0980
ARITH. STD. DEV :	0.1428	0.286	2.2516	0.3313	0.044	3.425	0.0770
GEOM. MEAN :	0.0324	0.282	1.7524	0.2054	0.053	1.812	0.0766
GEOM. STD. DEV. :	2.4329	2.164	2.3919	2.6159	2.122	2.423	2.0504
1ST QUARTILE :	0.0218	0.179	1.1477	0.1333	0.038	1.129	0.0499
2ND QUARTILE :	0.0335	0.290	1.7550	0.2400	0.055	1.793	0.0740
3RD QUARTILE :	0.0564	0.458	2.8649	0.3915	0.079	2.744	0.1187

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 16, 82 TO JAN 4,84

	CADMIUM MG/M**2
# OF SAMPLES :	101.00000
MAXIMUM :	0.03808
MINIMUM :	0.00034
RANGE :	0.03774
ARITH. MEAN :	0.00619
ARITH. STD. DEV :	0.00559
GEOM. MEAN :	0.00451
GEOM. STD. DEV. :	2.29940
1ST QUARTILE :	0.00287
2ND QUARTILE :	0.00436
3RD QUARTILE :	0.00775

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29, 82 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	86.0	68.0000	77.0000	82.00	83.000	68.000	81.000
MAXIMUM :	229.0	4.5665	7.3253	251.90	57.250	50.380	30.353
MINIMUM :	0.2	0.0141	0.0055	1.44	0.000	0.063	0.000
RANGE :	228.8	4.5524	7.3198	250.46	57.250	50.317	30.353
ARITH. MEAN :	49.8	0.7491	1.7548	66.68	11.395	10.498	4.202
ARITH. STD. DEV :	39.0	0.8051	1.3946	55.19	8.971	9.656	4.889
GEOM. MEAN :	33.4	0.3722	1.2096	44.39	7.532	6.416	2.619
GEOM. STD. DEV. :	3.1	4.0829	2.9238	2.80	3.107	3.157	2.914
1ST QUARTILE :	22.8	0.1409	0.7559	24.28	4.667	2.835	1.230
2ND QUARTILE :	41.1	0.6080	1.4015	52.27	9.449	8.118	3.011
3RD QUARTILE :	65.3	1.0314	2.2209	93.82	16.212	15.330	5.236

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29, 82 TO JAN 4,84 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	79.000	71.000	73.000	68.000	76.000	79.0000	73.0000
MAXIMUM :	93.890	9.000	13.660	17.048	71.906	3.7394	0.4950
MINIMUM :	0.207	0.000	0.000	0.043	0.000	0.0000	0.0011
RANGE :	93.683	9.000	13.660	17.005	71.906	3.7394	0.4939
ARITH. MEAN :	17.981	1.802	2.572	2.971	12.838	0.7091	0.1424
ARITH. STD. DEV :	15.555	1.843	3.082	2.984	13.004	0.7823	0.1371
GEOM. MEAN :	11.328	1.140	1.281	1.896	5.515	0.4180	0.0788
GEOM. STD. DEV. :	3.079	3.215	4.089	2.951	5.447	3.1573	3.5622
1ST QUARTILE :	4.471	0.335	0.319	1.200	1.964	0.2079	0.0319
2ND QUARTILE :	15.070	1.323	1.515	2.285	10.569	0.4668	0.0820
3RD QUARTILE :	26.730	2.246	3.139	3.293	19.913	0.8341	0.2040

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29, 82 TO JAN 4,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	74.0000	70.000	66.0000	76.0000	76.000	67.000	69.0000
MAXIMUM :	0.2276	0.661	11.3285	0.6651	0.229	9.270	0.2592
MINIMUM :	0.0002	0.007	0.0227	0.0006	0.000	0.025	0.0017
RANGE :	0.2274	0.655	11.3058	0.6645	0.229	9.245	0.2575
ARITH. MEAN :	0.0365	0.205	2.3762	0.1211	0.052	2.348	0.0710
ARITH. STD. DEV :	0.0382	0.144	2.1718	0.1120	0.040	2.039	0.0506
GEOM. MEAN :	0.0230	0.156	1.5619	0.0763	0.035	1.572	0.0564
GEOM. STD. DEV. :	3.2886	2.293	2.8244	3.2280	3.175	2.752	2.1289
1ST QUARTILE :	0.0156	0.098	0.8481	0.0439	0.025	0.658	0.0429
2ND QUARTILE :	0.0283	0.164	1.8748	0.0900	0.042	1.723	0.0546
3RD QUARTILE :	0.0409	0.286	2.8978	0.1598	0.066	3.055	0.0789

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 29, 82 TO JAN 4,84

		CADMIUM MG/M**2
# OF SAMPLES	:	73.00000
MAXIMUM	:	0.02124
MINIMUM	:	0.00001
RANGE	:	0.02123
ARITH. MEAN	:	0.00447
ARITH. STD. DEV	:	0.00408
GEOM. MEAN	:	0.00283
GEOM. STD. DEV.	:	3.48526
1ST QUARTILE	:	0.00184
2ND QUARTILE	:	0.00327
3RD QUARTILE	:	0.00521

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	39.0	32.0000	37.0000	36.00	38.000	34.000	36.000
MAXIMUM :	139.6	4.9410	10.7030	418.20	46.740	54.825	27.404
MINIMUM :	16.0	0.5759	0.3876	31.13	7.664	2.640	0.600
RANGE :	123.6	4.3651	10.3154	387.06	39.076	52.185	26.804
ARITH. MEAN :	69.1	2.3145	3.9852	180.28	27.198	26.194	8.877
ARITH. STD. DEV :	26.4	1.1079	2.1608	100.68	9.755	16.035	5.678
GEOM. MEAN :	63.6	2.0413	3.3824	151.37	25.222	19.422	7.346
GEOM. STD. DEV. :	1.6	1.7105	1.8887	1.90	1.519	2.495	1.962
1ST QUARTILE :	55.5	1.4653	2.4866	108.54	19.404	11.587	5.584
2ND QUARTILE :	64.8	2.1419	3.4904	158.68	27.638	25.560	7.154
3RD QUARTILE :	82.5	3.0696	4.8810	252.00	34.591	39.480	10.492

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	38.000	31.000	35.000	35.000	38.000	37.0000	36.0000
MAXIMUM :	134.400	15.785	10.200	18.445	84.360	4.6800	1.0920
MINIMUM :	4.256	0.304	0.000	1.110	1.094	0.0000	0.0220
RANGE :	130.144	15.481	10.200	17.335	83.266	4.6800	1.0700
ARITH. MEAN :	33.702	3.653	2.741	4.721	23.871	0.7661	0.2946
ARITH. STD. DEV :	28.163	2.879	2.102	4.042	17.777	0.8300	0.2062
GEOM. MEAN :	25.404	2.742	2.134	3.591	17.668	0.5515	0.2238
GEOM. STD. DEV. :	2.159	2.300	2.183	2.066	2.377	2.4585	2.3788
1ST QUARTILE :	14.916	1.438	1.121	1.832	9.397	0.3774	0.1818
2ND QUARTILE :	26.622	3.340	2.446	3.139	19.560	0.5437	0.2776
3RD QUARTILE :	44.410	4.830	3.380	5.600	30.435	0.7489	0.3446

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	37.0000	35.000	35.0000	37.0000	37.000	35.000	35.0000
MAXIMUM :	0.1396	0.910	11.1300	0.9200	0.234	10.488	0.3667
MINIMUM :	0.0080	0.135	0.6204	0.1600	0.016	0.227	0.0328
RANGE :	0.1316	0.776	10.5096	0.7600	0.218	10.261	0.3339
ARITH. MEAN :	0.0410	0.417	2.9646	0.3892	0.074	2.885	0.0963
ARITH. STD. DEV :	0.0226	0.212	2.3607	0.1701	0.039	2.234	0.0726
GEOM. MEAN :	0.0362	0.368	2.3305	0.3556	0.065	2.200	0.0816
GEOM. STD. DEV. :	1.6687	1.680	2.0154	1.5440	1.653	2.216	1.6910
1ST QUARTILE :	0.0281	0.255	1.2947	0.2586	0.055	1.466	0.0597
2ND QUARTILE :	0.0351	0.365	2.5480	0.3586	0.063	2.494	0.0751
3RD QUARTILE :	0.0455	0.591	3.2522	0.4540	0.083	3.404	0.0949

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 3,84 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	37.00000
MAXIMUM	:	0.01840
MINIMUM	:	0.00080
RANGE	:	0.01760
ARITH. MEAN	:	0.00559
ARITH. STD. DEV	:	0.00438
GEOM. MEAN	:	0.00445
GEOM. STD. DEV.	:	1.92559
1ST QUARTILE	:	0.00296
2ND QUARTILE	:	0.00375
3RD QUARTILE	:	0.00570

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	115.0	106.0000	113.0000	112.00	111.000	108.000	109.000
MAXIMUM :	213.0	13.1335	24.6228	1107.60	119.280	127.920	38.700
MINIMUM :	16.0	0.3970	0.7334	44.85	8.170	2.520	0.000
RANGE :	197.0	12.7365	23.8894	1062.75	111.110	125.400	38.700
ARITH. MEAN :	67.3	3.2778	5.3929	265.73	36.817	37.652	13.138
ARITH. STD. DEV :	37.9	1.9726	3.8442	168.15	17.438	25.037	7.663
GEOM. MEAN :	57.5	2.7120	4.3814	225.19	33.189	30.518	10.696
GEOM. STD. DEV. :	1.8	1.9451	1.9315	1.78	1.592	1.986	1.856
1ST QUARTILE :	36.6	1.9218	2.8834	156.75	25.505	19.740	7.435
2ND QUARTILE :	59.0	2.9449	4.7610	226.62	33.275	29.864	12.355
3RD QUARTILE :	87.5	4.2928	6.4012	315.50	43.639	45.145	16.825

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	110.000	109.000	109.000	107.000	112.000	109.0000	110.0000
MAXIMUM :	190.950	24.960	20.955	21.600	127.970	9.9160	1.1268
MINIMUM :	7.220	0.575	0.047	0.475	0.000	0.0560	0.0230
RANGE :	183.730	24.385	20.907	21.125	127.970	9.8600	1.1038
ARITH. MEAN :	41.291	7.319	3.710	5.436	32.987	1.2699	0.3133
ARITH. STD. DEV :	29.268	4.620	3.701	4.136	23.185	1.7660	0.2232
GEOM. MEAN :	33.520	6.093	2.316	4.063	25.819	0.6824	0.2488
GEOM. STD. DEV. :	1.914	1.865	3.006	2.241	2.003	3.0117	2.0009
1ST QUARTILE :	23.600	3.987	1.492	2.265	18.501	0.3310	0.1600
2ND QUARTILE :	30.062	5.940	2.455	4.325	25.435	0.5795	0.2200
3RD QUARTILE :	50.325	8.757	4.756	7.070	43.808	1.4161	0.4141

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	110.0000	111.000	106.0000	111.0000	111.000	110.000	110.0000
MAXIMUM :	0.3660	4.164	33.5536	1.8780	0.213	29.798	0.4348
MINIMUM :	0.0080	0.123	0.4025	0.0950	0.016	0.536	0.0139
RANGE :	0.3580	4.041	33.1511	1.7830	0.197	29.262	0.4209
ARITH. MEAN :	0.0581	0.620	4.8325	0.4653	0.067	5.070	0.0944
ARITH. STD. DEV :	0.0627	0.495	4.4645	0.2788	0.038	4.840	0.0762
GEOM. MEAN :	0.0415	0.524	3.5615	0.4038	0.057	3.577	0.0762
GEOM. STD. DEV. :	2.1657	1.717	2.1694	1.7017	1.778	2.258	1.8652
1ST QUARTILE :	0.0247	0.391	1.9829	0.2950	0.036	1.972	0.0514
2ND QUARTILE :	0.0379	0.513	3.4624	0.4298	0.059	2.874	0.0714
3RD QUARTILE :	0.0662	0.729	6.1548	0.5190	0.087	6.267	0.1006

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 83 TO JAN 4,84

		CADMIUM MG/M**2
# OF SAMPLES	:	111.00000
MAXIMUM	:	0.07784
MINIMUM	:	0.00140
RANGE	:	0.07644
ARITH. MEAN	:	0.01071
ARITH. STD. DEV	:	0.01289
GEOM. MEAN	:	0.00657
GEOM. STD. DEV.	:	2.57471
1ST QUARTILE	:	0.00320
2ND QUARTILE	:	0.00575
3RD QUARTILE	:	0.01295